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A Composite Solution With Just One Click

# Microsoft

## **70-448 PRACTICE EXAM**

**TS: Microsoft SQL Server 2008 Business Intelligence Development and Maintenance**

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### **Question: 1**

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You maintain a SQL Server 2008 Analysis Services (SSAS) instance.  
You plan to process a cube by using an XML for Analysis (XMLA) script.  
You need to ensure that aggregations are populated.  
What should you do?

- A. Execute a processIndex command.
- B. Execute a processUpdate command.
- C. Execute a processStructure command.
- D. Execute a processData command.

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**Answer: A**

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### **Question: 2**

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You maintain a SQL Server 2008 Analysis Services (SSAS) instance.  
You plan to run the Usage-Based Optimization Wizard. You need to enable query logging.  
What should you do?

- A. Set the LogDir server property to a valid path.
- B. Set the QueryLogSampling server property to 10.
- C. Set the AllowedBrowsingFolders server property to include the folder from the LogDir setting.
- D. Set the QueryLogConnectionString server property to a valid connection string.

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**Answer: D**

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### **Question: 3**

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You maintain a SQL Server Analysis Services (SSAS) database. The database is configured by using multiple security roles.  
The database is accessed by a Microsoft ASP.NET application that runs on a remote computer.  
The application is configured to use Windows Authentication.  
You need to ensure that the users of the application can successfully access the SSAS database.  
You also need to ensure that security restrictions of the roles are applied.  
What should you do?

- A. Configure Kerberos authentication
- B. Configure Analysis Services for HTTP authentication
- C. Set the AnonymousConnectionsEnabled policy to True
- D. Set the Security\RequireClientAuthentication property to True

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**Answer: A**

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### **Question: 4**

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You are maintaining a SQL Server 2008 Analysis Services (SSAS) solution in the production environment. You modify

the solution to include two new measure groups in the development environment. You need to ensure that only one measure group is deployed to the cube in the production environment. What should you do?

- A. Use the Deployment Wizard.
- B. Use Microsoft SQL Server Management Studio (SSMS) to issue an XMLA command.
- C. Use Microsoft SQL Server Management Studio (SSMS) to issue an UPDATE MEMBER command.
- D. Use Business Intelligence Development Studio (BIDS) along with the Deploy only changes option set to True.

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**Answer: B**

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### **Question: 5**

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You maintain a SQL Server 2008 Analysis Services (SSAS) database that contains a dimension named Customer.

You need to configure the Dimension Data settings to meet the following requirements:

Deny access to the {[Customer].[Country].&[Germany],[Customer].[Country].&[France]} set of attribute members. New members added to the attribute are visible by default. What should you do?

- A. Add all the country members except those of France and Germany to the Allowed Set property.
- B. Add the following set to the Denied Set property.  
{[Customer].[Country].&[Germany],[Customer].[Country].&[France]}
- C. Add the following set to the Denied Set property.  
Except{[Customer].[Country].[Country},{[Customer].[Country].&[Germany],[Customer].[Country].&[France]})
- D. Add the following set to the Allowed Set property.  
Extract{[Customer].[Country].&[Germany],[Customer].[Country].&[France]},[Customer].[Country])

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**Answer: B**

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### **Question: 6**

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You maintain a SQL Server 2008 Analysis Services (SSAS) database that contains a Product dimension. The dimension contains the Category and Subcategory attributes.

The attributes have a Rigid relationship type.

The data source for the Product dimension changes the relationship between the Category and Subcategory values.

You need to execute an XML for Analysis (XMLA) command to process the dimension to successfully reflect the change.

What should you do?

- A. Use the ProcessAdd command.
- B. Use the ProcessUpdate command.
- C. Use the ProcessIndexes command.
- D. Use the ProcessClear and the ProcessDefault commands.

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**Answer: D**

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### **Question: 7**

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You maintain a SQL Server 2008 Analysis Services (SSAS) database on a production server. The database contains a cube.

You add new functionality to the cube on a development server.

You need to deploy the new functionality from the development server to the production server by ensuring that the effect on the users is minimized.

What should you do?

- A. Use the Synchronize Database Wizard.
- B. Copy the appropriate files from the development server to the production server.
- C. Detach the production database. Copy the appropriate files to the production server, and then attach the database on the production server.
- D. Modify the Target Server property to the production server by using Business Intelligence Development Studio (BIDS). Deploy the solution.

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**Answer: A**

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### **Question: 8**

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You maintain a SQL Server 2008 Analysis Services (SSAS) database on a default instance.

You plan to document the Analysis Services performance information.

You need to collect information related to the temporary file usage when the database is processed.

Which object should you use?

- A. MSAS 2008: Memory
- B. MSAS 2008: Cache
- C. MSAS 2008: Proc Aggregations
- D. MSAS 2008: Storage Engine Query

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**Answer: C**

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### **Question: 9**

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You are a server administrator of a SQL Server 2008 Analysis Services (SSAS) instance. The instance contains a database that is used by the members of the Sales group.

You configure a new role named Northern Region by using the "[[Customers].[Region].[Region].[Northern]]' allowed permission set.

You assign the Sales group to the Northern Region role.

You need to verify that users in the Northern Region role can view data only for their region.

What should you do?

- A. Temporarily add your account to the Northern Region role.
- B. Add the User ID=Northern Region; parameter to the connection string.
- C. Add the Roles=Northern Region; parameter to the connection string.
- D. Select the Enable Visual Totals check box for the Northern Region role.

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**Answer: C**

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### **Question: 10**

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You maintain a SQL Server 2008 Reporting Services (SSRS) instance.

The network security model for the domain that hosts the instance changes.

You need to ensure that the instance will only support Kerberos authentication.  
What should you do?

- A. Edit the RSReportServer.config file.
- B. Edit the rssrvpolicy.config file.
- C. Edit the Site Settings of the instance by using the Report Manager.
- D. Edit the Server Settings by using Microsoft SQL Server Management Studio (SSMS).

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**Answer: A**

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### **Question: 11**

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You plan to deploy SQL Server 2008 Reporting Services (SSRS) on a SQL Server 2008 failover cluster. Internet Information Services (IIS) is installed on both nodes of the cluster. The IIS is virtualized on the Network Load Balancing (NLB) cluster. You need to deploy SSRS in a fault tolerant scale-out deployment. What should you do?

- A. Install SSRS on both cluster nodes to use separate ReportServer databases.
- B. Install SSRS on both cluster nodes to use the same ReportServer database.
- C. Install SSRS on both cluster nodes and cluster the SSRS service by using a new resource group.
- D. Install SSRS on both cluster nodes and cluster the SSRS service by using the SQL Server resource group.

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**Answer: B**

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### **Question: 12**

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You maintain a SQL Server 2008 Reporting Services (SSRS) database server.

The instance contains a large number of reports that take a long time to execute. The reports contain multiple execution snapshots.

You have a new production server along with SSRS installed.

You need to migrate the reports and their snapshots to the production server in the minimum amount of time.

What should you do?

- A. Use the rs.exe utility.
- B. Use the rskeymgmt.exe utility.
- C. Deploy the solutions by using Business Intelligence Development Studio (BIDS).
- D. Copy the Report Server databases to the production server. Configure the server by using the Reporting Services Configuration tool.

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**Answer: D**

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### **Question: 13**

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You manage the security in SQL Server 2008 Reporting Services (SSRS). The report server contains a folder named Management Reports.

All groups can view and modify reports in any folder.

You need to ensure that only the Managers group can view and modify reports in the Management Reports folder.  
What should you do?

- A. Remove all groups from the Management Reports folder.

Add the Managers group to the folder and assign the Content Manager role.

B. Create a Managers role.

Assign the Managers role to the Management Reports folder.

Remove all other groups from the Management Reports folder.

C. Create a Managers role.

Assign the Managers role to the root folder.

Remove all groups from the Management Reports folder.

D. Add the Managers group to the root folder and assign the Content Manager role.

Remove all groups from the Management Reports folder.

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**Answer: A**

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#### **Question: 14**

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You maintain a SQL Server 2008 Reporting Services (SSRS) instance.

A developer accidentally deploys 1000 reports to the SSRS instance.

You need to restore the SSRS instance to its original state.

Which database should you restore?

A. The master database

B. The MSDB database

C. The Report Server database

D. The Report Server Temporary database

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**Answer: C**

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#### **Question: 15**

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You create a report by using SQL Server 2008 Reporting Services (SSRS).

You plan to deploy the report on a report server. The report will be delivered on a regular basis to a dynamic list of subscribers.

You need to create a new subscription on the report server.

What should you do?

A. Select the report you created, and then click the New Subscription button.

B. Select the My Subscriptions page, and then click the New Data-driven Subscription button.

C. Select the report you created. Click the Subscriptions tab, and then click the New Data-driven Subscription button.

D. Select the report you created. Click the Subscriptions tab, and then click the New Subscription button.

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**Answer: C**

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#### **Question: 16**

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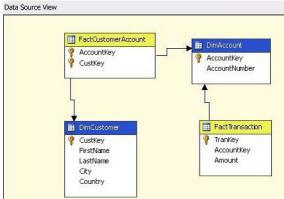
You create a report by using SQL Server 2008 Reporting Services (SSRS).

The report is complex and takes several minutes to generate.

You need to configure the report server to cache the report for 30 minutes after the initial request.

What should you do?

A. Implement report snapshots.



- B. Implement report execution caching.
- C. Configure the data source to use snapshot isolation.
- D. Configure the data source to use a database snapshot.

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**Answer: B**

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### Question: 17

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You create a SQL Server 2008 Analysis Services (SSAS) solution. You have a table named Orders that contains the following columns:

- OrderKey
- Shipper
- OrderAmount

You create a dimension named DimOrders from the Orders table. You set the OrderKey as a key column and the Shipper column as an attribute. You create a measure group named FactOrders from the Orders table.

You need to create a dimension relationship to ensure that the OrderAmount column can be aggregated by the Shipper column.

What should you do?

- A. Set the relationship between the DimOrders dimension and the FactOrders measure group to No Relationship.
- B. Create a fact dimension relationship between the DimOrders dimension and the FactOrders measure group.
- C. Create a regular dimension relationship between the DimOrders dimension and the FactOrders measure group. Set the Granularity attribute to Shipper and the measure group columns to OrderAmount.
- D. Create a regular dimension relationship between the DimOrders dimension and the FactOrders measure group. Set the Granularity attribute to OrderKey and the measure group columns to OrderAmount.

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**Answer: B**

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### Question: 18

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You create a SQL Server 2008 Analysis Services (SSAS) solution. The cube structure is as shown in the following exhibit. (Click the Exhibit button.)

[Measures].[Amount].[Account].[Accounts].[Operating Expenses] /  
[Measures].[Amount].[Account].[Accounts].[Gross Margin]

Your solution has a time dimension named DimTime.

You write the following Multidimensional Expressions (MDX) statement. (Line numbers are included for reference only.)

```
01 IIF({  
02     ...  
03     ParallelPeriod  
04     , [DimTime], [Calendar].[Quarter], 1, [DimTime].[Calendar].CurrentMember  
05   } , 1, -1 )
```

You need to ensure that the Amount measure can be aggregated for the DimCustomer dimension.  
What should you do?

- A. Create a regular relationship between DimCustomer and FactTransaction.
- B. Create a referenced relationship between DimCustomer and FactCustomerAccount. Set DimAccount as an intermediate dimension.
- C. Create a many-to-many relationship between DimCustomer and FactTransaction. Set FactCustomerAccount as an intermediate measure group.
- D. Create a many-to-many relationship between DimCustomer and FactCustomerAccount. Set FactTransaction as an intermediate measure group.

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**Answer: C**

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## **Question: 19**

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You implement a SQL Server 2008 Analysis Services (SSAS) solution. You use data mining extensions (DMX) to query a data mining model. You write the following DMX code segment to query a Bike Buyer data mining model in a Decision Tree data mining structure. (Line numbers are included for reference only.)

You need to ensure that the input columns automatically map to the columns in the data mining structure.  
Which code fragment should you insert at line 05?

- A. NATURAL PREDICTION JOIN
- B. PREDICTION JOIN
- C. INNER JOIN
- D. OPENQUERY

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**Answer: A**

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## **Question: 20**

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You create a SQL Server 2008 Analysis Services (SSAS) solution. You create a key performance indicator (KPI) named GPMargin for your solution. You set the Value expression of the KPI in the following manner.

You need to set a Trend expression of the KPI to show a difference in the values compared with the previous quarter. Which MDX code segment should you insert at line 02?

- A. KPIValue( "GPMargin" ) > ( KPIValue( "GPMargin" ),
- B. KPITrend( "GPMargin" ) > ( KPIValue( "GPMargin" ),
- C. KPIStatus( "GPMargin" ) > ( KPIValue( "GPMargin" ),
- D. KPIGoal( "GPMargin" ) > ( KPIValue( "GPMargin" ),

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**Answer: A**

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### **Question: 21**

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You create a SQL Server 2008 Analysis Services (SSAS) solution.

The solution has the following components:

A dimension named DimTime that contains an attribute named Month  
A measure group named FactSales that references the DimTime dimension

You need to ensure that the aggregations designed on FactSales always include the Month attribute.

What should you do?

- A. Set the Usage property appropriately.
- B. Set the IsAggregatable property appropriately.
- C. Set the AggregationUsage property appropriately.
- D. Set the AttributeHierarchyEnabled property appropriately.

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**Answer: C**

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### **Question: 22**

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You create a SQL Server 2008 Analysis Services (SSAS) solution.

You enable proactive caching for a partition.

You need to ensure that SSAS can query relational data when multidimensional storage is being updated.

What should you do?

- A. Set the OnlineMode property for the partition to Immediate.
- B. Set the ProcessingMode property for the partition to Regular.
- C. Set the OnlineMode property for the partition to OnCacheComplete.
- D. Set the ProcessingMode property for the partition to LazyAggregations.

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**Answer: A**

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### **Question: 23**

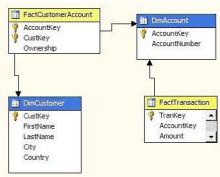
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You create a SQL Server 2008 Analysis Services (SSAS) solution.

You create a dimension named DimCustomer that contains the following three attributes:

Customer  
City  
Country

The Customer attribute is the key. The DimCustomer dimension is related to a measure group named Sales that has the Granularity property set to City.



You need to ensure that you can retrieve measure values based on the City and Country attributes. What should you do?

- Set the source attribute to Customer and the related attribute to City. Set the source attribute to City and the related attribute to Country.
- Set the source attribute to City and the related attribute to Customer. Set the source attribute to Country and the related attribute to City.
- Set the source attribute to Customer and the related attribute to City. Set the source attribute to Customer and the related attribute to Country.
- Set the source attribute to City and the related attribute to Customer. Set the source attribute to Country and the related attribute to Customer.

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**Answer: A**

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### Question: 24

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You create a SQL Server 2008 Analysis Services (SSAS) solution. The cube structure is as shown in the following exhibit. (Click the Exhibit button.)

The Ownership column contains decimal values that represent percentage of ownership. The sum of all the values in the Ownership column for a single DimAccount member is 100%. You create the following measures:

Ownership

Amount

You need to ensure that when the Amount measure is calculated against the DimCustomer dimension, the weighted value is calculated based on the Ownership measure.

What should you do?

- Set the MeasureExpression property of the Amount measure to [Amount]\*[Ownership].
- Set the FormatString property of the Amount measure to [Amount]\*[Ownership].
- Set the MeasureExpression property of the Amount measure to [DimCustomer].[Amount]\*[Ownership].
- Set the FormatString property of the Amount measure to [DimCustomer].[Amount]\*[Ownership].

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**Answer: A**

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Column Name	Description
OrderKey	primary key for FactOrders
CustomerKey	relates to the customer who places the order

## Question: 25

You create a SQL Server 2008 Analysis Services (SSAS) solution. The solution includes a table named FactOrders that contains two columns as shown in the following table:

You need to create a measure that returns the number of customers who have placed orders.  
What should you do?

- A. Set the Usage property to Count of rows and the Source Column property to OrderKey.
- B. Set the Usage property to Distinct count and the Source Column property to OrderKey.
- C. Set the Usage property to Distinct count and the Source Column property to CustomerKey.
- D. Set the Usage property to Count of rows and the Source Column property to CustomerKey.

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**Answer: C**

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## Question: 26

You create a SQL Server 2008 Analysis Services (SSAS) solution.

You create a dimension named DimProduct that contains an attribute named Price. You use the DimProduct dimension in a cube.

You need to ensure that aggregations are not associated with the Price attribute.

What should you do?

- A. Set the IsAggregatable property of the Price attribute to False.
- B. Set the AttributeHierarchyEnabled property of the Price attribute to False.
- C. Set the MembersWithData property of the Price attribute to NonLeafDataHidden.
- D. Set the GroupingBehavior property of the Price attribute to DiscourageGrouping.

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**Answer: B**

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## Question: 27

You design a SQL Server 2008 Integration Services (SSIS) package. The package extracts data from flat files and loads this data to a SQL Server 2008 database. The package contains two Boolean variables named @IsWeekday and @IsHoliday. When the package is executed on week days, the @IsWeekday variable is set to True. When the package is executed on holidays, the @IsHoliday variable is set to True. You need to implement the following business logic in the control flow of the package:

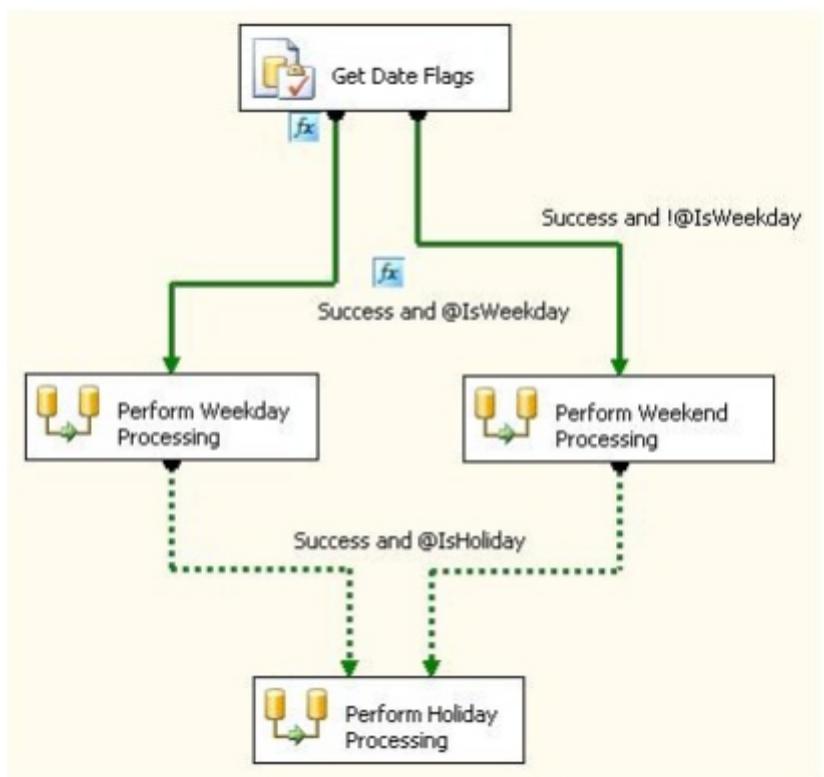
When the @IsWeekday variable is set to True, the Perform Weekday Processing Data Flow task is executed.

When the @IsWeekday variable is set to False, the Perform Weekend Processing Data Flow task is executed.

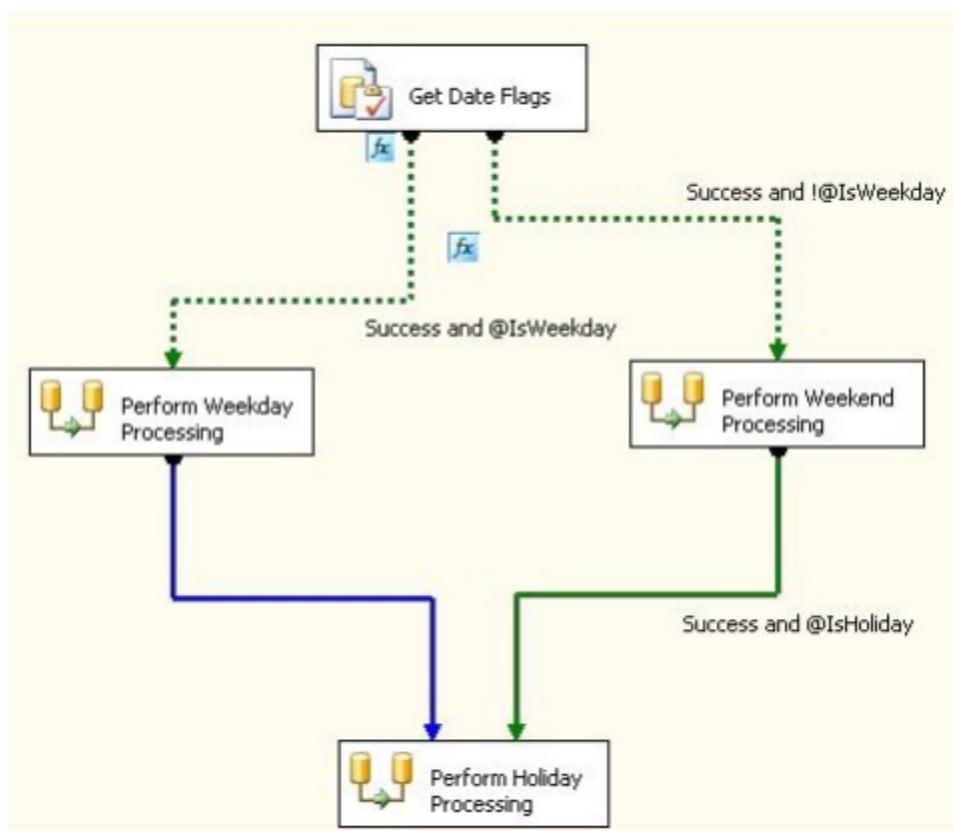
When the @IsHoliday variable is set to True, the Perform Holiday Processing Data Flow task is executed.

Which control flow logic should you implement?

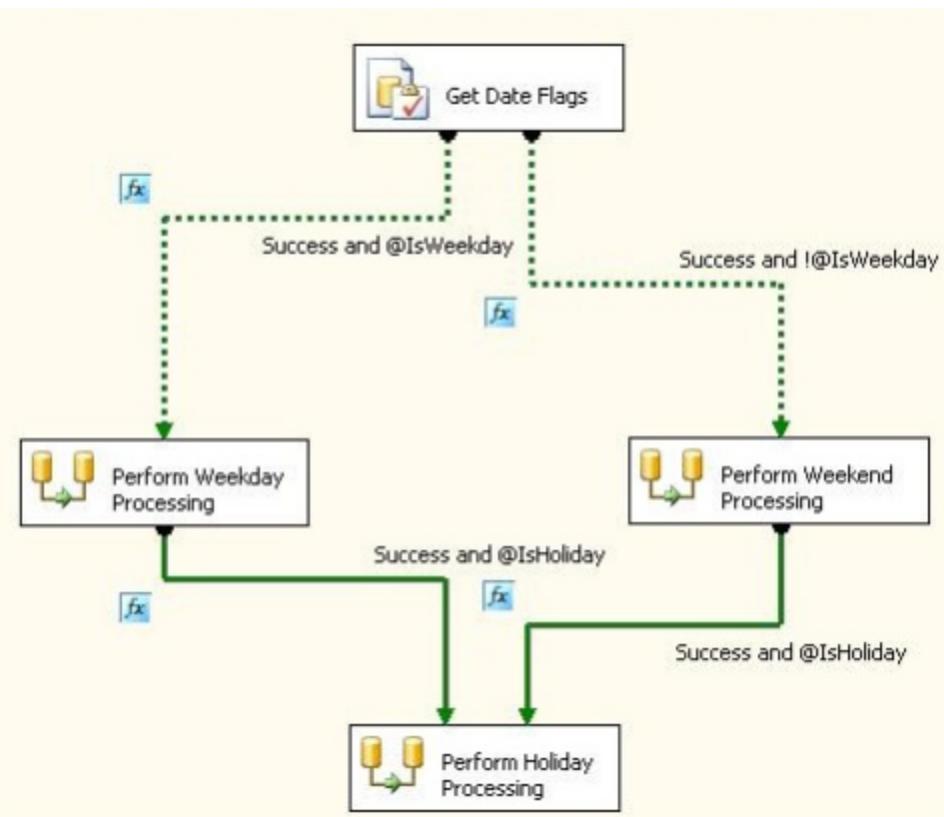
- A.



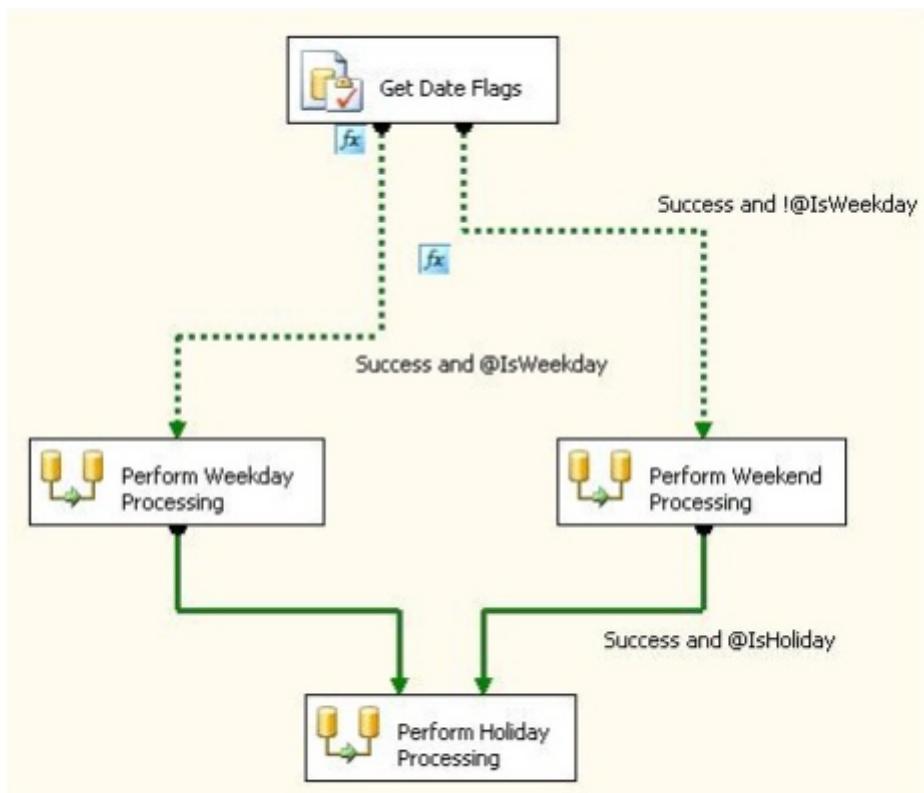
B.



C.



D.

**Answer: A****Question: 28**

You develop a SQL Server 2008 Integration Services (SSIS) package.  
You need to modify the path where the package writes event data to a text file.  
What should you do?

- A. Modify the log provider.
- B. Modify the Connection Manager.
- C. Modify the Flat File Destination.
- D. Move the package file to the new path.

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**Answer: B**

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### **Question: 29**

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You are editing a SQL Server 2008 Integration Services (SSIS) package by using Business Intelligence Development Studio. The package uses a custom data flow component. The package runs successfully.  
You attempt to add another instance of the custom data flow component to the package. The data flow component does not appear in the toolbox or in the Choose Toolbox Items dialog box.  
You need to add the custom data flow component to the toolbox.  
What should you do?

- A. Copy the assembly to the appropriate folder.
- B. Add the assembly to the Global Assembly Cache.
- C. Register the assembly by using the REGSVR32 utility.
- D. Register the assembly by using the Assembly Registration utility (REGASM.EXE).

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**Answer: A**

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### **Question: 30**

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You design a SQL Server 2008 Integration Services (SSIS) data flow that inserts data from a source query to a destination table.  
You need to insert only those rows that do not already exist in the destination table.  
What are two possible ways to achieve this goal? (Each correct answer presents a complete solution. Choose two.)

- A. Use the Merge transformation.
- B. Use the Lookup transformation.
- C. Use the Union All transformation.
- D. Use the Merge Join transformation.
- E. Use the Fuzzy Lookup transformation.
- F. Use the Fuzzy Grouping transformation.

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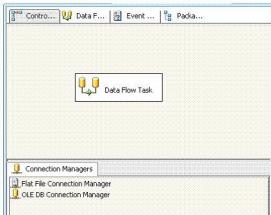
**Answer: B,D**

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### **Question: 31**

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You implement a SQL Server 2008 Integration Services (SSIS) package.  
The package contains the following components:  
A data flow task contained in a For Loop container



destination component that uses a Flat File connection manager

An OnError event handler

When an error occurs in the package, you plan to write diagnostic information from an expression that includes the version of the package to a text file.

You need to ensure that the required information is written to the text file.

What should you do?

- A. Use the VersionGUID variable.
- B. Use the ExecutionGUID variable.
- C. Use the SourceID variable.
- D. Use the TaskID variable.

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**Answer: A**

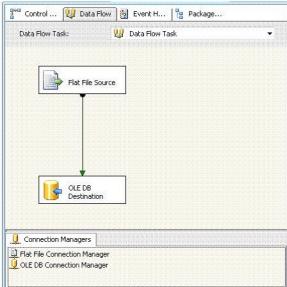
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### **Question: 32**

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You modify a SQL Server 2008 Integration Services (SSIS) package.

The package extracts data from a text file and loads this data to a SQL Server 2008 table as shown in the following two exhibits.



You need to update the package to extract data from multiple text files of the same directory.  
Which three actions should you perform? (Each correct answer presents part of the solution. Choose three.)

- A. Add a variable to the package.
- B. Add a variable to the data flow task.
- C. Add a Foreach Loop container to the package.
- D. Add a For Loop container to the package.
- E. Add an expression to the Flat File Source component.
- F. Add an expression to the Flat File connection manager.

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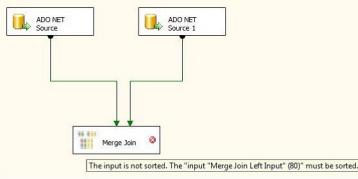
**Answer: A,C,F**

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### **Question: 33**

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You are developing a SQL Server 2008 Integration Services (SSIS) data flow that extracts data from two sources. Each source database is located on a different server. Each source is based on a SELECT statement that uses an ORDER BY clause. The data flow is as shown in the following diagram.



When the paths from the two sources are connected to a Merge Join component, the following error message is displayed:

"Data Flow Task: The input is not sorted. The 'input "Merge Join Left Input" (80)' must be sorted."

You need to ensure that data from each query is included in each row in the data flow. You want to achieve this goal by using minimum amount of execution time.

What should you do?

- A. Add a Sort transformation for each data flow.
- B. Add an OLE DB Command transformation for each data flow.
- C. Update the sorting properties in each source component.
- D. Replace the Merge Join transformation with a Union All transformation.

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**Answer: C**

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### Question: 34

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You are developing a SQL Server 2008 Integration Services (SSIS) package.

The package uses an OLE DB connection manager to connect to a third-party database server.

The database does not support Integrated Windows authentication.

You create an XML configuration file that provides configuration for the connection manager. You add the configuration file to the package.

When the package executes, you receive an error message which indicates that login failure occurred.

You need to execute the package successfully.

What should you do?

- A. Edit the XML configuration file.
- B. Use an indirect XML configuration.
- C. Run the package on the same server as the third-party database server.
- D. Use a Microsoft ADO.NET connection manager instead of an OLE DB connection manager.

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**Answer: A**

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### Question: 35

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```
SELECT NON EMPTY {[Measures].[Reseller Sales-Order Quantity]} ON COLUMNS,
       {[Date].[Calendar Year].[Calendar Year].ALLMEMBERS * [Product].[Category].[Category].ALLMEMBERS } ON CHAPTERS
  FROM
    (SELECT ({STRTOSET(@ProductCategory,CONSTRAINED)}) 
     ON COLUMNS FROM [Adventure Works Cube])
```

You create a SQL Server 2008 Reporting Services (SSRS) report. You plan to create a list of customers by using a List control. For each customer in the List control, you plan to include a table that contains the orders for that customer. The customer data is stored in the Customers table in the data source, and the order data is stored in the Orders table. You need to define the required dataset or datasets for this report. What should you do?

- A. Create a query that joins the two tables in the data source by using the JOIN clause. Add the query as a single data set to the report.
- B. Create a query that combines the two tables in the data source by using the UNION operator.  
Add the query as a single data set to the report.
- C. Create a query for each table. Group both tables on the column that is used to join the tables.  
Add both queries as separate data sets to the report.
- D. Create a query for each table. Sort both tables on the column that is used to join the tables.  
Add both queries as separate data sets to the report.

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**Answer: A**

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### **Question: 36**

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You create a SQL Server 2008 Reporting Services (SSRS) report.

The report contains a table.

You need to ensure that alternate rows in the table have a pale green background.

Which code segment should you use for each text box?

- A. =iif(RowNumber(Nothing) / 2, "PaleGreen", "White")
- B. =iif(RowNumber(Nothing) Mod 2, "PaleGreen", "White")
- C. =iif(CountRows() / 2, "PaleGreen", "White")
- D. =iif(CountRows() Mod 2, "PaleGreen", "White")

---

**Answer: B**

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### **Question: 37**

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You develop a SQL Server 2008 Reporting Services (SSRS) report.

A Multidimensional Expressions (MDX) query used in the report contains a parameter to display sales data for various product categories. You write the following query.

You discover that the query generates an error when executed.

You need to ensure that the query executes successfully.

What should you do?

- A. Remove the NON EMPTY clauses.
- B. Replace the CHAPTERS axis with the ROWS axis.
- C. Replace the CHAPTERS axis with the SECTIONS axis.
- D. Rewrite the query to display the Order Quantity on the COLUMNS axis, the Calendar Year on the ROWS axis, and the Category data on the PAGES axis.

```
Private Shared Function GetCmFromInches(ByVal InchValue As Decimal) As Decimal
    If Nothing(InchValue) Then
        Return Nothing
    Else
        Return InchValue * 2.54
    End If
End Function
```

---

**Answer: B**

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**Question: 38**

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You design a report by using SQL Server 2008 Reporting Services (SSRS). The report uses a Table data region and contains a dataset. The dataset has a column named LastName. You need to ensure that the report items are grouped by the first character in the LastName column. Which expression in the Group properties dialog box should you use?

- A. =First(Fields!LastName)
- B. =Fields!LastName.Value
- C. =First(Fields!LastName.Value)
- D. =Fields!LastName.Value.Substring(0,1)

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**Answer: D**

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**Question: 39**

---

You create a report in SQL Server 2008 Reporting Services (SSRS) solution. You write the following code segment in the report.

The code

segment generates errors when compiled.

You need to ensure that the following requirements are met:

The code segment compiles successfully.

The GetCmFromInches function can be called from other reports.

What should you do?

- A. Remove the Private keyword from the function definition.
- B. Remove the Shared keyword from the function definition.
- C. Declare the function as Public Shared instead of Private Shared.
- D. Create a custom assembly by using Microsoft Visual Basic .NET. Declare the function as Public Shared.

---

**Answer: D**

---

**Question: 40**

---

You develop a SQL Server 2008 Reporting Services (SSRS) solution.

You add a report that contains a single dataset and a query parameter.

You need to ensure that the report executes without user interaction from the Report Manager.

What should you do?

- A. Configure the report to use snapshot execution.
- B. Configure available values for the parameter from the dataset.
- C. Configure the default value for the parameter based on an expression.

```
SELECT p.ProductID, p.Name, p.ListPrice  
FROM Production.Product AS p  
WHERE p.Category = @Category;
```

D. Configure the parameter data to refresh whenever the parameter is refreshed.

---

**Answer: C**

---

### **Question: 41**

---

You design a report by using SQL Server 2008 Reporting Services (SSRS).

The report will be included in a Windows Forms application that is distributed to remote users.

These users have no access to the report server.

You need to ensure that the application renders the report correctly.

What should you do?

- A. Use the ReportViewer control along with the LocalReport property.
- B. Use the ReportViewer control along with the RemoteReport property.
- C. Use the Render method of the Reporting Services Simple Object Access Protocol (SOAP) API.
- D. Use the RenderStream method of the Reporting Services Simple Object Access Protocol (SOAP) API.

---

**Answer: A**

---

### **Question: 42**

---

You design a report by using SQL Server 2008 Reporting Services (SSRS).

Detail information is displayed each time the users render the report.

You need to ensure that the following requirements are met:

Summary information is displayed when the report is initially rendered.

Detail information is displayed only when the users click a column header.

What should you do?

- A. On the column that contains detail information, set the hidden property to True. Set the Visibility can be toggled by another report item property to True.
- B. On the column that contains detail information, set the hidden property to False. Set the Visibility can be toggled by another report item property to False.
- C. On the column that contains detail information, set the hidden property to True. Set the Visibility can be toggled by another report item property to False.
- D. On the column that contains detail information, set the hidden property to False. Set the Visibility can be toggled by another report item property to True.

---

**Answer: A**

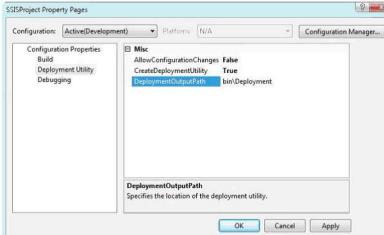
---

### **Question: 43**

---

You develop a SQL Server 2008 Reporting Services (SSRS) report. The report contains a parameter named Category that is used to filter a list of products. The list uses a dataset that contains the following query:

You modify the report parameter to allow multiple values. You need to modify the report to help search for multiple Category values by using minimum amount of development effort. What should you do?



in a view.

- B. Implement the query in a table-valued user-defined function.
- C. Modify the query to use the IN operator instead of the = operator.
- D. Implement the query in a stored procedure that uses dynamic SQL to execute the query.

---

**Answer: C**

---

### Question: 44

---

You are developing a SQL Server 2008 Integration Services (SSIS) project in Business Intelligence Development Studio. You configure the project properties as shown in the following image.

You need to create a deployment manifest for all packages in the project.  
What should you do?

- A. Build the Integration Services project.
- B. Modify the AllowConfigurationChanges property of the project.
- C. Copy each package. Rename each copy with a .SSISDeploymentManifest file extension.
- D. View the code of each Data Transformation Services (DTS) package. Copy the first <DTS:Property> xml node to a file with a .SSISDeploymentManifest file extension.

---

**Answer: A**

---

### Question: 45

---

You create a SQL Server 2008 Integration Services (SSIS) package by using SQL Server 2008.

You use a development server named SQL\_DEV1. There is no network connectivity between the development server and the production server.

You deploy the package to the SQL\_PROD1 server.

The package fails to execute. The error message states that the package cannot connect to the SQL\_DEV1 server.

You need to modify the package to refer to the SQL\_PROD1 server when being executed.  
What should you do?

- A. Modify the properties of the package to use the DontSaveSensitive package protection level.
- B. Modify the deployment manifest file in Microsoft Notepad, and then modify the connection string manually.
- C. On the Connection Managers tab of the Execute Package utility, select the Connection Manager check box, and then modify the connection string.
- D. Modify the properties of the package to use the ServerStorage package protection level.

---

**Answer: C**

---

### **Question: 46**

---

You are developing a SQL Server 2008 Integration Services (SSIS) package.

The package performs the following tasks:

Processes multiple files by using a ForEach Loopcontainer.

Imports the contents of the files to a table by using a Data Flowtask.

Logs the results of the status into a table by using an Execute SQL task.

You need to ensure that all the tasks of the package except the Execute SQL task execute within a single transaction.

Which two actions should you perform? (Each correct answer presents part of the solution.

Choose two.)

- A. In the Foreach Loop container, configure the TransactionOption property to NotSupported
- B. In the Data Flow task, configure the TransactionOption property to Required
- C. In the package, configure the TransactionOption property to Required
- D. In the package, configure the TransactionOption property to NotSupported
- E. In the Execute SQL task, configure the TransactionOption property to NotSupported
- F. In the Execute SQL task, configure the TransactionOption property to Supported.

---

**Answer: C,E**

---

### **Question: 47**

---

You design a package by using SQL Server 2008 Integration Services (SSIS). The package is designed by using your local development environment.

The package extracts data from a remote server and inserts it in the PROD database on the local SQL Server 2008 instance. You deploy the package to the MSDB database on the production server.

You need to ensure that only users that belong to an appropriate database role can modify and execute the deployed package. You also need to ensure that these users cannot access other packages that are deployed to the server.

What should you do?

- A. Assign the users to the db\_ssisoperator role.
- B. Assign the users to the db\_ssisltduser role.
- C. Assign the users to a custom database role in the PROD database.
- D. Assign the users to a custom database role in the MSDB database.

---

**Answer: D**

---

### **Question: 48**

---

You develop a package by using SQL Server 2008 Integration Services (SSIS).

You use a local instance of SSIS to develop and test the package.

The package uses an XML configuration file that contains a connection string. The connection string includes a user name and a password to connect to the source data.

You deploy the package to the production server. You discover that validation errors occur when the package is being executed.

You need to ensure that the package executes successfully in the production environment.

What should you do?

- A. Configure the package to use the DontSaveSensitive package protection level.
- B. Configure the package to use the EncryptSensitiveWithPassword package protection level.
- C. Configure the package to use the EncryptAllWithUserKey package protection level.
- D. Remove the user name and the password from the connection string before you deploy the package.

---

**Answer: B**

---

#### **Question: 49**

---

You plan to use SQL Server 2008 Integration Services (SSIS) on a SQL Server 2008 failover cluster. You have a complex package that takes a long time to run. You need to ensure that if the package executes during a failover, the package can be resumed at the point of failure. What should you do?

- A. Cluster the SSIS service. Add the SSIS service to its own cluster resource group.
- B. Cluster the SSIS service. Add the SSIS service to the SQL Server cluster resource group.
- C. Implement checkpoints within your package. Restart the package whenever a failover occurs.
- D. Implement transactions within your package. Restart the package whenever a failover occurs.

---

**Answer: C**

---

#### **Question: 50**

---

You develop a SQL Server 2008 Integration Services (SSIS) package.

The package downloads several files from a remote FTP server by using multiple FTP tasks, and then processes data by using multiple Execute SQL tasks.

You need to configure the package to restart at the point of failure after the package downloads the files.

What should you do?

- A. Configure the FTP tasks to support transactions.
- B. Configure the Execute SQL tasks to support transactions.
- C. Move all the FTP tasks to a sequence container.
- D. Configure the package to use a checkpoint.

---

**Answer: D**

---

#### **Question: 51**

---

You develop a SQL Server 2008 Reporting Services (SSRS) report.

The report uses the "User!UserID" expression in a text box within the report header.

You need to ensure that data-driven subscriptions successfully execute for this report. What should you do?

- A. Remove the expression from the report header.
- B. Configure the report to use no credentials.
- C. Configure the report to use stored credentials.
- D. Modify the expression in the report header as "User!UserName."

---

**Answer: C**

---

### **Question: 52**

---

You maintain a report in a SQL Server 2008 Reporting Services (SSRS) instance.

The report contains query parameters that allow users to filter the contents of the report. The report queries the data source randomly.

You configure the report to be rendered from a report execution snapshot.

You need to ensure that users can continue to use parameters to filter the report.

What should you do?

- A. Add a default value to all parameters.
- B. Modify the datasets to use the Table query type.
- C. Remove the filters from the dataset queries. Use the parameters to filter the datasets.
- D. Move the queries to the stored procedures. Use the stored procedures to populate and filter the datasets of the report.

---

**Answer: C**

---

### **Question: 53**

---

You are managing the security in SQL Server 2008 Reporting Services (SSRS).

You assign a new user to a role. You need to grant the permissions to the user to publish reports and manage content only in a private folder.

What should you do?

- A. Assign the user to the Publisher role.
- B. Assign the user to the My Reports role.
- C. Assign the user to the Content Manager and the Browser roles.
- D. Assign the user to the Content Manager and the Report Builder roles.

---

**Answer: B**

---

### **Question: 54**

---

You install and configure SQL Server 2008 Reporting Services (SSRS) instance. The users of the report server plan to deliver reports through e-mail messages. You need to configure the report server for e-mail message delivery by using a remote SMTP server. What should you do?

- A. Modify the rssrvpolicy.config file.
- B. Modify the RSReportServer.config file.

- C. Modify the Web.config file.
- D. Modify the Global.asax file.

---

**Answer: B**

---

### **Question: 55**

---

You maintain an instance of SQL Server 2008 Reporting Services (SSRS). The instance contains several reports. You deploy a report project on the instance by using the Business Intelligence Development Studio (BIDS). You discover that the production data sources on the instance are replaced by the test data sources of the report project. You need to ensure that when the report project is deployed in future, the existing reports are unaffected. What should you do?

- A. Configure the OverwriteDataSources property.
- B. Configure the TargetServerURL property.
- C. Configure the TargetDataSourceFolder property.
- D. Configure the TargetReportFolder property.

---

**Answer: A**

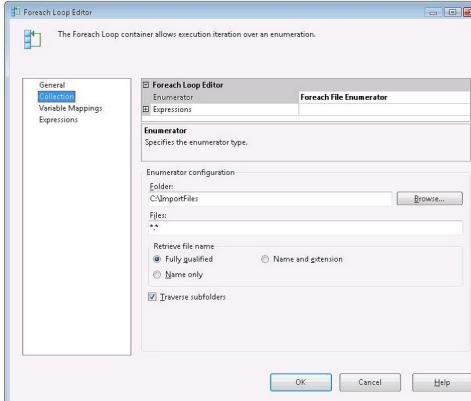
---

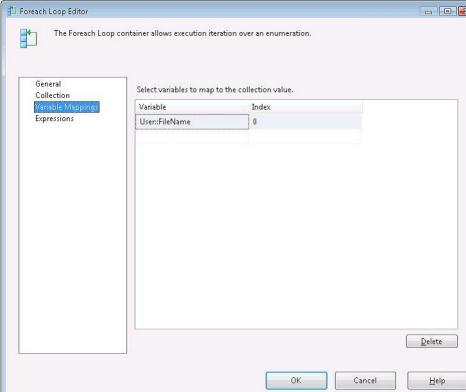
### **Question: 56**

---

You implement a SQL Server 2008 Integration Services (SSIS) package. The package contains the following components:

- A Foreach Loop container for the Collection property as shown in the following exhibit. (Click the Exhibit button.)
- A Foreach Loop container for the Variable Mappings property as shown in the following exhibit. (Click the Exhibit button.)
- A String variable named FileName.
- A String variable named DirectoryPath.





You need to update the package so that the DirectoryPath variable returns the directory path for the file path stored in the FileName variable. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Set the RaiseChangedEvent property of the User::FileName variable to True.
- B. Set the EvaluateAsExpression property of the User::DirectoryPath variable to True.
- C. Add a Script task to the OnPostExecute event handler of the Foreach Loop container.
- D. Set the Expression property of the User::DirectoryPath variable to the following expression.  
SUBSTRING( @[User::FileName], 1, LEN( @[User::FileName] ) - FINDSTRING( REVERSE( @[User::FileName] ), "\\", 1 ) )
- E. Set the Expression property of the User::FileName variable to the following expression.  
SUBSTRING( @[User::FileName], 1, LEN( @[User::FileName] ) - FINDSTRING( REVERSE( @[User::FileName] ), "\\", 1 ) )

---

**Answer: B,D**

---

### Question: 57

---

You are designing a SQL Server 2008 Integration Services (SSIS) package. The package includes a Data Flow task. You need to modify the package to write all rows that generate errors to a text file. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Use the SSIS log provider for the SQL Profiler.
- B. Use the SSIS log provider for the text file.
- C. Use a Flat File Destination component.
- D. Use a Raw File Destination component.
- E. Add an Error output to the Data Flow component

---

**Answer: C,E**

### **Question: 58**

---

You design a SQL Server 2008 Integration Services (SSIS) package that contains several data flows. You need to monitor the data that passes through each path in the data flow by using the Business Intelligence Development Studio. You also need to ensure that data flow logic is retained. What should you do?

- A. Use the Data Viewer tool.
- B. Use the Data Profiling task.
- C. Use the Audit transformation.
- D. Use breakpoints in the Script component.

---

**Answer: A**

### **Question: 59**

---

You are designing a SQL Server 2008 Integration Services (SSIS) package. The package includes a Data Flow task that copies several million rows. The data flow requires a match against a reference table that contains 10,000 rows. Each row in the reference table will be used during the data flow. You need to ensure that the data flow executes in the minimum amount of time. Which data flow component should you select?

- A. a Fuzzy Lookup transformation
- B. a Lookup transformation along with the Full cache option
- C. a Lookup transformation along with the No cache option
- D. a Lookup transformation along with the Partial cache option

---

**Answer: B**

### **Question: 60**

---

You build and deploy a SQL Server 2008 Integration Services (SSIS) package. During package development, the XML configuration is not specified. You need to apply the configuration to the deployed package. What should you do?

- A. Use the Deployment utility.
- B. Use the SETX command line utility.
- C. Use the DTUTIL command line utility.
- D. Use the DTEXEC command line utility.

---

**Answer: D**

---

**Question: 61**

---

You administer a SQL Server 2008 Analysis Services (SSAS) instance.  
You plan to troubleshoot query performance by using a Dynamic Management View (DMV).  
You need to identify query sessions that execute a query for more than 30,000 ms.  
Which DMV should you use?

- A. Discover\_Traces
- B. Discover\_Sessions
- C. Discover\_Commands
- D. Discover\_Connections

---

**Answer: C**

---

**Question: 62**

---

You update a role named Managers for the Human Resources cube in your SQL Server 2008 Analysis Services (SSAS) database. The database contains a dimension named Employee.  
You plan to configure the security for the Managers role.  
You need to allow the Managers role to access aggregate data based on only three or less employees.  
What should you do?

- A. Add members of the [Employee].[Employees] hierarchy that contain three or less children to the denied set for the Managers role.
- B. Add members of the [Employee].[Employees] hierarchy that contain more than three children to the allowed set for the Managers role.
- C. Add the following expression to the Allow Reading property in Cell Data in the Managers role.  
Descendants([Employee].[Employees].CurrentMember,,LEAVES).Count <= 3
- D. Add the following expression to the Allow Reading property in Cell Data in the Managers role.  
IIF(Descendants([Employee].[Employees].CurrentMember,,LEAVES).Count <= 3,  
[Employee].[Employees].CurrentMember, null)

---

**Answer: C**

---

**Question: 63**

---

You maintain a SQL Server 2008 Analysis Services (SSAS) database.  
You plan to refresh data in a partition every two hours.  
You need to implement the incremental processing strategy.  
Which XML for Analysis (XMLA) command should you use?

- A. ProcessAdd
- B. ProcessData
- C. ProcessFull
- D. ProcessIndex

---

**Answer: A**

---

**Question: 64**

You maintain a SQL Server 2008 Analysis Services (SSAS) database. You create a new measure group in one of the cubes.

You have a program that maintains partitions on the production copy of the cube.

You need to update the cube definition on the production server without overwriting any existing partitions.

What should you do?

- A. Use the Deployment Wizard along with the appropriate options.
- B. Execute an UPDATE CUBE statement in Microsoft SQL Server Management Studio (SSMS).
- C. Use the Analysis Services Destination component in Microsoft SQL Server Integration Services (SSIS).
- D. Use the Business Intelligence Development Studio (BIDS) and set the processing option to Do Not Process.

---

**Answer: A**

---

**Question: 65**

You maintain a SQL Server 2008 Analysis Services (SSAS) database in a test environment.

You plan to deploy changes from an SSAS project in a development environment to the test environment.

You need to ensure that the roles and partitions previously deployed to the test environment are unaffected by the deployment.

What should you do?

- A. Update the database by using the Deployment Wizard.
- B. Update the database by using the Synchronize Database Wizard.
- C. Back up the development database and restore it to the test environment.
- D. Process the database by using the Business Intelligence Design Studio (BIDS).

---

**Answer: A**

---

**Question: 66**

You maintain a SQL Server 2008 Analysis Services (SSAS) instance. The instance contains a database.

You change the DataDir property of the instance to a new folder.

You need to ensure that the instance uses the new folder in the minimum amount of downtime.

What should you do?

- A. Process the database.
- B. Synchronize the database.
- C. Restart the Analysis Services service.
- D. Delete the files in the original folder, and then restart the Analysis Services service.

---

**Answer: A**

---

**Question: 67**

You administer a SQL Server 2008 Analysis Services (SSAS) database. A sales manager is responsible for the sales of

Role	Allowed set
Northeast Region	{[Sales Territory].[Sales Territory Region].&[Northeast]}
Bikes	{[Product].[Product Category].[Product Category].&[Bikes]}

bikes in the Northeast region. You plan to grant the necessary permissions to the sales manager to access the database. You have two roles named Northeast Region and Bikes. The schemas of the two roles are as shown in the following table.

The Visual Totals property is set to True for both roles.

You need to ensure that the sales manager can view only the members in the Product dimension that relate to the Bikes category in the Northeast region.

What should you do?

- A. Add the manager to the Bikes role.
- B. Add the manager to the Northeast Region role.
- C. Add the manager to a new role that has the following two components: {[Sales Territory].[Sales Territory Region].&[Northeast]} as the allowed set.{[Product].[Product Category].[Product Category].&[Bikes]} as the allowed set.
- D. Add the manager to a new role that has the following four components: {[Sales Territory].[Sales Territory Region].AllMembers} as the denied set{[Sales Territory].[Sales Territory Region].&[Northeast]} as the allowed set.{[Product].[Product Category].[Product Category].AllMembers} as the denied set. {[Product].[Product Category].[Product Category].&[Bikes]} as the allowed set.

---

**Answer: C**

---

---

**Question: 68**

---

You maintain a SQL Server 2008 Analysis Services (SSAS) database.

When you process the Analysis Services database, you discover that a Duplicate Key error occurs.

You need to modify the ErrorConfiguration property so that the error condition is reported and processing continues.

Which object should you modify?

- A. The cube
- B. The partition
- C. The dimension
- D. The measure group

---

**Answer: C**

---

---

**Question: 69**

---

You maintain a SQL Server 2008 Analysis Services (SSAS) database.

You plan to troubleshoot query performance by using SQL Profiler.

You need to identify the queries that take a long time to run.

Which trace event should you use?

- A. Query Cube End
- B. Query Subcube
- C. MDX Script End

D. Get Data from Cache

---

**Answer: B**

---

**Question: 70**

---

You create a SQL Server 2008 Reporting Services (SSRS) report that contains a dataset.

The dataset retrieves data by executing a stored procedure. The report contains a table and a matrix that use the dataset.

You need to limit data that is displayed in the table while ensuring that the matrix is unaffected.

What should you do?

- A. Add a filter to the dataset.
- B. Add a filter to the matrix.
- C. Add a filter to the table.
- D. Add a parameter to the stored procedure that filters the result set.

---

**Answer: C**

---

**Question: 71**

---

You develop a SQL Server 2008 Reporting Services (SSRS) report.

The report contains a parameter named @SalesTaxRateID.

You set the value of the @SalesTaxRateID parameter in the report by selecting a specific region.

You need to configure the report to prevent users from modifying the value of the

@SalesTaxRateID parameter.

What should you do?

- A. Clear the Prompt value.
- B. Set the Hidden property.
- C. Set the Internal property.
- D. Remove the default values.

---

**Answer: C**

---

**Question: 72**

---

You develop a SQL Server 2008 Reporting Services (SSRS) project.

The report will display data from a SQL Server 2005 Analysis Services database.

You need to ensure that the report displays member properties and extended properties.

What should you do?

- A. Use the SQL Server data source.
- B. Use the SQL Server Analysis Services data source.
- C. Use the OLE DB for SQL Server data source.
- D. Use the OLE DB for the Analysis Services 8.0 data source.

---

**Answer: B**

---

---

### **Question: 73**

---

You are developing a sales report by using SQL Server 2008 Reporting Services (SSRS).

The report contains a table.

You need to implement a technology that allows users to open a new report when they click on a field in a table.

Which SSRS technology should you use?

- A. Subreport
- B. Tablix Data Region
- C. Drillthrough action
- D. Interactive Sorting

---

**Answer: C**

---

---

### **Question: 74**

---

You create a SQL Server 2008 Reporting Services (SSRS) report. The report contains a report header and a report footer.

The report preview shows that the report is rendered correctly. You discover that when the report is rendered as a PDF file, even-numbered pages are rendered blank.

You need to modify the report to prevent the rendering of blank pages.

What should you do?

- A. Reduce the overall width of the report.
- B. Reduce the page size of the report.
- C. Reduce the height of the report footer.
- D. Reduce the height of the report header.

---

**Answer: A**

---

---

### **Question: 75**

---

You maintain a SQL Server 2008 Integration Services (SSIS) instance.

The instance stores packages in a SQL Server 2008 instance.

You need to deploy the package of an instance of SSIS to another SSIS instance that stores its packages in a shared directory.

What should you do?

- A. Execute the dtutil command.
- B. Execute the dtexec command.
- C. Execute the dtexecui command.
- D. Execute the dtswizard command.

---

**Answer: A**

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---

### **Question: 76**

---

You develop a package by using SQL Server 2008 Integration Services (SSIS). You test the package by using your local development environment.

The package is deployed to a production server.

You need to configure the protection level of the package to ensure that only the user who deployed the package can execute it.

Which protection level should you use?

- A. EncryptAllWithPassword
- B. EncryptSensitiveWithPassword
- C. DontSaveSensitive
- D. EncryptAllWithUserKey

---

**Answer: D**

---

### **Question: 77**

---

You develop a package by using SQL Server 2008 Integration Services (SSIS). You test the package by using your local development environment.

You deploy the package to the file system in the production environment. The users report that the connection strings contained in the package are blank. The package fails to execute.

You need to change the protection level of the package to ensure that users can view and execute the package.

Which protection level should you use?

- A. DontSaveSensitive
- B. EncryptAllWithUserKey
- C. EncryptAllWithPassword
- D. ServerStorage

---

**Answer: C**

---

### **Question: 78**

---

You create a SQL Server 2008 Analysis Services (SSAS) solution. You have a dimension named Account and a time dimension named Time. You have a fact table that contains a column named CurrentBalance. CurrentBalance contains the current account balance.

You need to create a measure named AccountBalance from the CurrentBalance column to display the closing account balance for a time period.

What should you do?

- A. Set the AggregationFunction property of AccountBalance to Sum.
- B. Set the AggregationFunction property of AccountBalance to ByAccount.
- C. Set the AggregationFunction property of AccountBalance to LastNonEmpty.
- D. Set the AggregationFunction property of AccountBalance to FirstNonEmpty.

---

**Answer: C**

---

### **Question: 79**

---

You create a SQL Server 2008 Analysis Server (SSAS) solution.

Your solution contains a measure group named FactMeasures with a single partition.

You need to ensure that the following requirements are met:

Queries that use FactMeasures always refer to the latest version of the source detail data.  
All aggregations that are part of FactMeasures are stored in a multidimensional format.  
Which storage mode should you set the ProactiveCaching property of the partition to?

- A. Real-time hybrid online analytical processing (HOLAP)
- B. Real-time relational online analytical processing (ROLAP)
- C. Automatic multidimensional online analytical processing (MOLAP)
- D. Scheduled multidimensional online analytical processing (MOLAP)

---

**Answer: A**

---

### **Question: 80**

---

You create a SQL Server 2008 Analysis Services (SSAS) solution. Your solution has a date dimension named Date along with a hierarchy named Calendar. The Calendar hierarchy has levels for the Year, Quarter, Month, and Date attributes. You need to create a named set that refers to the first seven months of the year 2007. Which expression should you write for the named set?

- A. PeriodsToDate([DimTime].[Yr-Qtr-Mth].[Year], [DimTime].[Yr-Qtr-Mth].[Month].[July 2007])
- B. PeriodsToDate([DimTime].[Yr-Qtr-Mth].[Month], [DimTime].[Yr-Qtr-Mth].[Month].[July 2007])
- C. ParallelPeriod([DimTime].[Yr-Qtr-Mth].[Year], 7, [DimTime].[Yr-Qtr-Mth].[Month].[July 2007])
- D. ParallelPeriod ([DimTime].[Yr-Qtr-Mth].[Month], 7, [DimTime].[Yr-Qtr-Mth].[Month].[July 2007])

---

**Answer: A**

---

### **Question: 81**

---

You create a data mining model by using SQL Server 2008 Analysis Services (SSAS).  
You create a mining structure by using the following Data Mining Extensions (DMX) code.

```
CREATE MINING STRUCTURE [Bike Buyer]{
[Customer Key] LONG KEY,
[Age] LONG DISCRETIZED(Automatic, 10),
[Bike Buyer] LONG DISCRETE,
[Commute Distance] TEXT DISCRETE,
[Yearly Income] DOUBLE CONTINUOUS
}
```

You need to create a mining model that can be processed by using this mining structure. You also need to ensure that the model uses the Microsoft Decision Trees algorithm.  
Which DMX statement should you use?

- A. SELECT \* INTO [Decision Tree]  
USING [Microsoft\_Decision\_Trees]  
FROM [Bike Buyer]
- B. CREATE MINING MODEL [Decision Tree] (  
[Customer Key] LONG KEY,  
[Age] LONG DISCRETIZED(Automatic, 10),  
[Bike Buyer] LONG DISCRETE,  
[Commute Distance] TEXT DISCRETE,  
[Yearly Income] DOUBLE CONTINUOUS  
) USING Microsoft\_Decision\_Trees

C. ALTER MINING STRUCTURE [Bike Buyer]

```
ADD MINING MODEL [Decision Tree] (
[Customer Key],
[Age],
[Bike Buyer] PREDICT,
[Commute Distance],
[Yearly Income]
) USING Microsoft_Decision_Trees
WITH DRILLTHROUGH
INSERT INTO [Decision Tree]
(
[Customer Key], [Age],
[Bike Buyer], [Commute Distance],
[Yearly Income]
)
OPENQUERY ([Bike Buyer],
'Select [Customer Key], [Age],
[Bike Buyer] , [Commute Distance],[Yearly Income]')
)
```

---

**Answer: C**

---

**Question: 82**

---

You develop a SQL Server 2008 Analysis Services (SSAS) database. Your database includes several measure groups. A measure group named Sales Data requires frequent updates than other measure groups.

You need to ensure that the Sales Data measure group will automatically process on a schedule managed by SSAS. What should you do?

- A. Modify the ProactiveCaching property.
- B. Modify the ProcessingPriority property.
- C. Modify the ProcessingMode property.
- D. Modify the DataAggregation property.

---

**Answer: A**

---

**Question: 83**

---

You create a SQL Server 2008 Analysis Services (SSAS) solution. Your solution has the following components:

A hierarchy named Date in a time dimension named DimTime

A measure named SalesAmount

You add the following code segment to the calculation script of the cube. (Line numbers are included for reference only.)

```
01 ...
02 Freeze([Measures].[SalesAmount],
03 [DimTime].[Date].[Quarter].[Q1 2007]);
04 ...
```

You need to increase the value of the SalesAmount measure by 50% for each month in the first quarter of 2007.

You also need to ensure that the value for the first quarter of 2007 remains unchanged.

What should you do?

Dimension	Attribute	Key Attribute
DimGeography	-	Geokey
DimCustomer	GeoKey	CustKey

A. Add the following code segment at line 04.

```
Scope([Measures].[Amount],[DimTime].[Date].[Quarter]. [Q1
2007]);This=[DimTime].[Date].currentmember * 1.5;End Scope;
```

B. Add the following code segment at line 01.

```
Scope([Measures].[Amount],[DimTime].[Date].[Quarter]. [Q1
2007]);This=[DimTime].[Date].currentmember * 1.5;End Scope;
```

C. Add the following code segment at line 04.

```
Scope([Measures].[SalesAmount],Descendants([DimTime].[Date].[Quarter]. [Q1
2007][DimTime].[Date].[Month]));This=[DimTime].[Date].currentmember * 1.5;End Scope;
```

D. Add the following code segment at line 01.

```
Scope([Measures].[SalesAmount],Descendants([DimTime].[Date].[Quarter].[Q1
2007][DimTime].[Date].[Month]));This=[DimTime].[Date].currentmember * 1.5;End Scope;
```

---

**Answer: C**

---

### **Question: 84**

---

You create a SQL Server 2008 Analysis Services (SSAS) solution.

You create a dimension named Customer. The Customer dimension has the attributes named Country and State.

The Country attribute has the following components:

The KeyColumn property is set to the country code.

The NameColumn property is set to the country name.

You create an attribute relation between the Country attribute and the State attribute.

You need to ensure that the state names are sorted first by the country name and then by the state name.

What should you do?

A. Set the OrderBy property to Name and the OrderByAttribute property to Country for the State attribute.

B. Set the OrderBy property toAttributeName and the OrderByAttribute property to Country for the State attribute.

C. Set the OrderBy property to Name for the Country attribute.

Set the OrderBy property to Key and the OrderByAttribute property to Country for the State attribute.

D. Set the OrderBy property to Name for the Country attribute.

Set the OrderBy property to AttributeKey and the OrderByAttribute property to Country for the State attribute.

---

**Answer: B**

---

### **Question: 85**

---

You create a SQL Server 2008 Analysis Services (SSAS) solution by using SQL Server 2008.

You create the dimensions as shown in the following table.

The CustKey attribute is used as a column in a table named FactSales.

You need to create a referenced dimension that allows you to browse the measures of the FactSales table by using the DimGeography dimension.

What should you do?

A. Set the reference dimension to DimGeography by using a referenced dimension attribute as GeoKey and an intermediate dimension attribute as CustKey.

- B. Set the reference dimension to DimGeography by using a referenced dimension attribute as GeoKey and an intermediate dimension attribute as GeoKey.
- C. Set the reference dimension to DimCustomer by using a referenced dimension attribute as CustKey and an intermediate dimension attribute as GeoKey.
- D. Set the reference dimension to DimCustomer by using a referenced dimension attribute as GeoKey and an intermediate dimension attribute as GeoKey.

---

**Answer: B**

---

### **Question: 86**

You create a SQL Server 2008 Analysis Services (SSAS) solution.

You add a data source view (DSV) to the solution. The DSV has a table named Employee that includes the following columns:

EmployeeKey  
ManagerKey

The ManagerKey column references the manager of the employees.

You need to define the relationship between the employees and their manager in the DSV.

What should you do?

- A. Create a Named Calculation that uses EmployeeKey and ManagerKey
- B. Create a relationship by using EmployeeKey as the source column and ManagerKey as the destination column.
- C. Create a Named Query that uses a relationship with EmployeeKey as the source column and ManagerKey as the destination column.
- D. Create a relationship by using ManagerKey as the source column and EmployeeKey as the destination column.

---

**Answer: D**

---

### **Question: 87**

You create a SQL Server 2008 Analysis Services (SSAS) solution.

The solution contains a time dimension named DimTime. You have a table named FactSales that contains the two columns named OrderDate and ShipDate. The two columns refer to the DimTime dimension.

You need to ensure that the DimTime dimension can be used to browse through measures in the FactSales table for both OrderDate and ShipDate.

What should you do?

- A. Create a reference relationship between the DimTime dimension and the FactSales measure group.
- B. Create a many-to-many relationship between the DimTime dimension and the FactSales measure group.
- C. Create two regular relationships between the DimTime dimension and the FactSales measure group. Use identical measure group columns.
- D. Create two regular relationships between the DimTime dimension and the FactSales measure group. Use different measure group columns.

---

**Answer: D**

---

### **Question: 88**

You are creating a SQL Server 2008 Integration Services (SSIS) package for Company.com.

The SSIS package must contain six Data Flow tasks and three Control Flow tasks.  
You should alter the package .Which is the correct answer?

- A. You should increase the two Control Flow tasks and one Data Flow task to a container. Change the TransactionOption property of the container to Supported.
- B. You should increase the two Control Flow tasks and one Data Flow task to a container. Change the TransactionOption property of the container to Disabled.
- C. You should increase the two Control Flow tasks and one Data Flow task to a container. Change the TransactionOption property of the container to Required.
- D. You should increase the two Control Flow tasks and one Data Flow task to a container. Change the TransactionOption property of the container to RequiredNew.

---

**Answer: C**

---

**Explanation:**

If a series of tasks must be completed as a single unit in which either all the tasks are successful and committed or an error occurs and none of the tasks are committed, place the tasks within a Sequence Container and then set the TransactionOption property of the container to Required

---

**Question: 89**

---

You are managing a SQL Server 2008 Reporting Services (SSRS) sample which does not give some same rendering extensions for Company.com.

You should make sure that you could set the server in order to render to Microsoft Word.  
Which is the correct answer?

- A. You should change the AppSettings.config file.
- B. You should change the Global.asax file.
- C. You should change the Machine.config file.
- D. You should change the RSReportServer.config file

---

**Answer: D**

---

**Explanation:**

Modifying the RSReportServer.config file

The RSReportServer.config is one of several configuration files, but it is the main configuration file for both the Report Server Web service and Report Manager. In Reporting Services 2005, Report Manager had a separate configuration file named RSWebApplication.config, but this file is no longer used in Reporting Services 2008.

Example: Limiting the List of Report Rendering Options

A common configuration setting in RSReportServer.config is to limit the user choices for the report rendering. For example, if you wanted to exclude Microsoft Office Excel as a choice for rendering reports, you would look for the entries under the <Render> tag in the XML .config file to find the following line:

<Extension Name="EXCEL" Type="Microsoft.ReportingServices.Rendering.ExcelRenderer.

ExcelRenderer,

Microsoft.ReportingServices.ExcelRendering"/>

To turn off Excel in the rendering options, you would add a Visible="false" entry to the line, like this:

<Extension Name="EXCEL" Type="Microsoft.ReportingServices.Rendering.ExcelRenderer.

ExcelRenderer, Microsoft.ReportingServices.ExcelRendering" Visible="false"/>

---

**Question: 90**

---

You are creating a SQL Server 2008 Integration Services (SSIS) package on a SQL Server 2008 database for Company.com. In order to develop a failure recovery plan that is published for a SQL Server. Which is the correct answer?

- A. You should back up the master database.
- B. You should back up the local database.
- C. You should back up the system database.
- D. You should back up the systemdb database.

---

**Answer: A**

---

**Explanation:**

Tricky question... Obvious answer is msdb\* , but if you read more carefully they are asking for SQL Server recovery plan, not for SSIS packages... Master: The master database contains system information and high-level information about all databases on an SQL Server. If the master database becomes damaged, SQL Server may fail to start and user databases may become unavailable. There are many operations which change the content of the master database – like creating and altering databases, adding and modifying logins, creating linked servers etc. But since one cannot keep backing up master after every such operation, schedule the master database to be backed up on a regular basis (for example: once every night, or once every week depending on the frequency of such changes to the database). This will backup the changes made to the user databases and SQL Server, which can then be recovered in case of a master database corruption. Note: Only full database backups of master can be performed. Transactional log, differential or filegroup backups of master are not allowed. Thus if you create a Database Maintenance Plan for all the system databases or if you select the master database and you select the Back up the transaction log as part of the maintenance plan option, the backup transaction log step for the master database will fail with this error message: Msdb: The msdb database is used by SQL Server, SQL Server Enterprise Manager, and SQL Server Agent to store data, including scheduled job information, backup and restore history information, DTS packages. Note: You will notice that, by default, the trunc. log on chkpt database option is set to true, for the msdb database. This helps ensure that the transaction log of the database does not fill up, and prevents problems that may occur due to inadequate disk space. Because the msdb database generally remains rather small, full database backups provide a fast alternative to transaction log backups for this database. \*EXAM TIP When you deploy a package to SQL Server, the package is stored in the msdb database in a table named dbo.sysssispackages. Therefore, if you want to back up packages that have been deployed to SQL Server, you can back up the msdb database. The master database is the most important database of all and the most recent version of the backup should be available in the case of disaster. Backup of the master database should be made for:

- Changing server-level configuration settings;
- Changing database-level configuration settings; and
- Changing any logon accounts details.

The master database records all the system-level information for a SQL Server system. This includes instancewide metadata such as logon accounts, endpoints, linked servers, and system configuration settings. Also, master is the database that records the existence of all other databases and the location of those database files and records the initialization information for SQL Server. Therefore, SQL Server cannot start if the master database is unavailable. In SQL Server, system objects are no longer stored in the master database; instead, they are stored in the Resource database. The msdb database is used by SQL Server Agent for scheduling alerts and jobs and by other features such as Service Broker and Database Mail.

---

**Question: 91**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) instance of report model for Company. com. In the Report Builder tool, the users should need to create their SSRS reports.

The data source they used will include a Microsoft SQL Server 2008 database. Which include 1000 tables?

You should design the report model for users, and allow access to only the 20 tables which they require for reporting. Which is the correct answer?

- A. You should develop DataSet using the Web Service to Schema(s) option.
- B. You should develop DataTable using the Web Service to Schema(s) option.
- C. You should develop a data source view and select only the required tables and views.
- D. You should set the data source view in the setting file.

---

**Answer: C**

---

Explanation:

Data source view (DSV) Abstracts the underlying database schema. Although a DSV might seem redundant, it can be very useful by letting you augment the schema. For example, you can add calculated columns to a DSV when security policies prevent you from changing the database schema.

---

### **Question: 92**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.

A sales manager called Clerk is responsible for the sales of bikes in the Northeast region.

You decide to give some rights to the rights to Clerk to visit the database. You won two roles below called Northeast Region and Bikes.

Their schemas are listed below:

You have make The Visual Totals properties attribute true for roles above.

You should make sure that Clerk could browser the workers in the Product dimension which link to the Bikes category in the Northeast region.

Which is the correct answer?

- A. You should increase Clerk to a Bikes role
- B. You should increase Clerk to the Northeast Region role.
- C. You should increase Clerk to a new role which owns components below: [Products Territory Region].[Northeast] as the permitted configuration.{{[Product].[Product Category]}  
[Product Category].[Bikes]} as the permitted
- D. You should increase Clerk to the default Region role.

---

**Answer: C**

---

Explanation:

There was a mess in original q - Nikes, Bikes, Southwest, Northwest...

I think I have fixed it :) another version of the q is:

---

### **Question: 93**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database which includes a Sale dimension that includes the Category and Subcategory properties for Company.com.

There is a rigid relationship type for properties.

The data source for the Sale dimension alters the relationship between the Type and Sub Type values.

You should make sure that you could run an XML to operate the dimension to reflect the change normally for Analysis (XMLA).

Which is the correct answer?

- A. You should utilize the ProcessDefault command.
- B. You should utilize the ProcessClear command.
- C. You should utilize the ProcessIndexes command.
- D. You should utilize the ProcessDefault and the ProcessClear commands.

---

**Answer: D**

---

**Explanation:**

Process Default Performs the minimum number of tasks required to fully initialize a mining object. For example, if you change a model and send Process Default to the structure, the server will process that model only. Process Full Drops the object stores and rebuilds the model. Metadata changes, such as adding a new column to a mining structure, require Process Full. Process Structure Reads and caches the training data in the structure. Does not affect the mining models inside the structure. Process Clear Structure Drops the cached data without affecting the mining models inside the structure. Disables drillthrough features. Consider Process Clear Structure if you need to dispose of the sourcedata used to train the models to reduce the disk footprint. Unprocess Deletes data from the mining object. When this command is sent to a structure, it deletes the cached training data in the structure and the model patterns

---

**Question: 94**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) instance for Company.com.  
In order to execute the Usage-Based Optimization Wizard you should make query logging enable.  
Which is the correct answer?

- A. You should make the QueryLogSampling server attribute default value.
- B. You should make the QueryLogSampling server attribute 5.
- C. You should configure the server property of DefaultFolders.
- D. You should configure the QueryLogConnectionString server attribute and set a valid connection string.

---

**Answer: D**

---

**Explanation:**

**Enabling the Query Log**

The query log captures the query activity as users and applications interact with the server.  
To enable the query log in SSMS, right-click the Analysis Services server node, and then select Properties.

Next, in the Analysis Server Properties dialog box, shown in Figure 8-20, set the

QueryLog properties

Table 8-4 QueryLog Properties

Property Description

CreateQueryLogTable When set to True and if the server account has sufficient privileges, the server will create the log table if it does not already exist.

QueryLogConnectionString A valid connection string to a SQL Server database; the query log is disabled if this property is empty.

QueryLogSampling The frequency for query sampling. By default, every tenth query is logged.

QueryLogTableName The name of the table in a SQL Server database that will capture the query statistics. The default table name is OlapQueryLog

---

**Question: 95**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.  
You get the Duplicate Key error when you operate the Analysis Services database.

You should alter the ErrorConfiguration attribute in order to make processing run normally.  
Which is the correct answer?

- A. You should alter the Dynamic Management View (DMV)
- B. You should alter the Local Group
- C. You should alter the dimension
- D. You should alter the Transactions Log

---

**Answer: C**

---

### **Question: 96**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.  
In order to update data in a partition each hour you should run the incremental processing method.  
In order to solve the problem, which is the correct answer?

- A. You should utilize ProcessAdd for Analysis (XMLA) command
- B. You should utilize default command for Analysis (XMLA)
- C. You should utilize ProcessNone for Analysis (XMLA) command
- D. You should utilize ProcessView for Analysis (XMLA) command

---

**Answer: A**

---

Explanation:

BEST PRACTICES CONSIDER FULLY PROCESSING THE ENTIRE DATABASE fully processing the entire SSAS database is the cleanest and easiest solution to process all objects in the database, but it is not necessarily the fastest. Because SSAS processes objects in parallel and has a very efficient processing architecture that can handle some 10,000 records per second, you might find that you can process even large cubes within a reasonable time frame. Consider more advanced processing options, such as incremental processing (ProcessUpdate), only when fully processing the database is not an option.

### **Question: 97**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) report for Company.com.  
Assembly should be created in order to run real-time lookup and currency conversion.  
The assembly has a static class named daily which lives in the namespace HomeCalc. there is a  
method called DMO which need two arguments, Cuurnt and HomeCalc  
When the report is operating, you should reference the ToEUR method in an expression to convert USD to USO.  
Which is the correct answer?

- A. You should use the expression of =Code. HomeCalc. Daily. USO (Fields! Cuurnt.Value, " DMO ")
- B. You should use the expression of =Code! HomeCalc. Daily. USO (Fields! Cuurnt.Value, " DMO")
- C. You should use the expression of = HomeCalc. Daily.USO (Fields! Cuurnt.Value, "USD")
- D. You should use the expression of = HomeCalc! Daily.USO (Fields! Cuurnt.Value, "USD")

---

**Answer: C**

---

Explanation:

A little bit different wording

You work as a database administrator at CertKiller.com. You are in the process of creating a SQL Server 2008

Reporting Services (SSRS) report for CertKiller.com.

---

### **Question: 98**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) instance which includes a database for Company.com.

You alter the DataDir attribute of the instance to a new folder.

You should make sure that instance utilizes the new folder in least time.

Which is the correct answer?

A. You should operate the database.

B. You should operate the database at the same time.

C. You should stop the Analysis Services service.

D. Before stopping the Analysis Services service you should remove the files in the original folder,

---

**Answer: A**

---

---

### **Question: 99**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database which includes a dimension called Product for Company.com.

You should set the Dimension Data configurations as following:

Deny access to the {[ Product].[Country].[USA],[ Product].[Country].[China]} configure of property workers.

New workers increased to the property are seen by default. Which is the correct answer?

A. You should increase the whole country members.

B. You should increase property below: [Country].[ China],[Product].[Country].[ USA]}

C. You should increase property below: [Country].[ China],[Product].[Country].[ USA]}

D. You should increase property below: [Country].[ China],[Product].[Country].[ USA]}

---

**Answer: B**

---

---

### **Question: 100**

---

You are creating SQL Server 2008 Integration Services (SSIS) packages which is stored in a folder on the network for Company.com.

All members of the team can view the packages but not the attribute values.

Your task is to make the attribute values be protected by password.

Which is the correct answer below?

A. You should Use a batch file that runs the dtutil program to set the PackageProtectionLevel property to EncryptSensitiveWithPassword on each of the SSIS packages you have

B. You should Use a batch file that runs the dtutil program to set the PackageProtectionLevel property to ServerStorage on each of the SSIS packages you have created.

C. You should Use the SSIS package designer to set the PackageProtectionLevel property to EncryptAllWithUserKey on each of the previously saved packages.

D. You should Use the SSIS package designer to set the PackageProtectionLevel property to EncryptSensitiveWithUserKey on each of the previously saved packages.

---

**Answer: A**

---

**Explanation:**

You can deploy single SSIS packages manually, but a better choice is to use the DTUtil command-line tool, which lets you write a command for the deployment and then automate the process. You could deploy the package to the local SQL Server using Windows Authentication by including a simple command, such as this: dtutil.exe / FILE c:\IntegrateCRM.dtsx / COPY SQL;IntegrateCRM Other command-line switches let you specify the destination SQL Server and SQL Server user name and password as needed.

Table 4-2 ProtectionLevel Options

**Option Description**

DontSaveSensitive Sensitive information is not saved in the package at all. Each time the package is reopened in BIDS, the connection passwords must be reentered. For package execution, the password needs to be stored in a package configuration or passed to the package through the command-line setting. This is the recommended setting if you are exclusively using Windows Authentication for your connections. EncryptAllWithPassword The entire package is encrypted with a password that is set in the PackagePassword property. To open the package in BIDS, you need to enter the correct package password, and the package cannot be executed without passing the password to the package at execution. EncryptAllWithUserKey The entire package is encrypted based on the current user and computer. Only the user who last designed or exported the package can design or execute the package. A package cannot be opened in BIDS unless it is opened by the user who developed it, on the computer on which it was developed. The package can be executed only through the same user account on the same computer. EncryptSensitiveWithPassword The sensitive information in the package is encrypted based on a package password, which is set in the PackagePassword property. Each time the package is reopened, a password must be provided. If the password is not provided, the package will open, but all sensitive data will be replaced with blanks. If a user attempts to execute the package without a password, the execution will fail. EncryptSensitiveWithUserKey The sensitive information (connection passwords) in the package is encrypted based on the current user and computer. If the same user reopens the package, nothing is changed. If a different user opens the package, all the sensitive information is cleared out. Other users can still design or execute the package, but they need to enter the password or pass the password into the package through the command line or SSIS configurations. ServerStorage This setting can be used only when a package is stored in a SQL Server database. Server storage means that nothing in the package definition is encrypted. Instead, the entire package is protected by using a SQL Server database role. This option is not supported when a package is saved to the file system. If encryption is enabled in the package by using any of the ProtectionLevel options except ServerStorage and DontSaveSensitive, the encrypted data is saved along with the rest of the package's information in the .dtsx file. If the entire package is encrypted, all the .dtsx file's XML code is encrypted, and the XML cannot be read by a text editor. SSIS encrypts the data by using the Microsoft Data Protection Application Programming Interface (DPAPI).

---

**Question: 101**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.

Through utilizing SQL Profiler, you decide to troubleshoot search function.

You should make sure that it will cost a lot of time to query.

Which is the correct answer?

- A. You should utilize store procedure.
- B. You should utilize Query Subcube
- C. You should utilize a Dynamic Management View (DMV)
- D. You should utilize Transactions Log.

---

**Answer: B**

---

**Explanation:**

The server raises the Query Begin event when it receives an MDX query and the Query End event when it has finished

executing the query. The Query Subcube event shows which attributes the server used to satisfy the query. When configuring the trace, you can check the Query Subcube Verbose event to see these attributes in a human-readable format

---

### **Question: 102**

---

You are developing a report which is difficult and cost a lot of time to produce.

You use the technology of SQL Server 2008 Reporting Services (SSRS).

You should make sure that you could set the report server to cache the report for 40 minutes at the beginning of the request.

Which is the correct answer?

- A. Report snapshots should be run for report.
- B. You should run report execution caching for report.
- C. You should set the data source to utilize a DBCC INDEXDEFRAG.
- D. You should set the data source to utilize a DBCC SHRINKFILE. INDEXDEFRAG

---

### **Answer: B**

---

Explanation:

By default, a report is rendered using the most recent data. This means that every execution starts by reading the database data. This could be a large processing burden on a production server. To reduce the load on your server, you can cache a temporary copy of a report. SSRS caches the report in the ReportServer database with all the data but without any of the rendering information. If a report exists in the cache, when the next user runs the report, the user gets the data from the cache, and there is no need to reread data from the database. With report caching, Reporting Services can create and store a copy of the intermediate format report in a temporary SQL Server database named ReportServerTempDB in the Execution- Cache table. Even when the first request from a user follows the schema presented earlier, the processing of subsequent requests is altered as follows:

1. A request is sent to Report Server.
2. Report Server validates the properties associated with the object requested. If report execution is set to use the cache, and an item already exists in the ExecutionCache table of the ReportServerTempDB database for the ReportID of the requested report and the parameters passed are the same, Report Server renders the report from the stored intermediate format.

#### Using Report Snapshots for Report Execution

If you cache a report, the first user who runs the report after the cache has expired will have to wait longer to view the report than the users who follow, because the first user triggers the data being read from the database. You can prevent this problem by creating a snapshot of the data in advance of the first report being run. To do this, select the Render This Report From An Execution Snapshot option in the execution properties of a report. You can create a snapshot based on a shared or a report-specific schedule. In addition, you can create the first snapshot immediately after you save the execution settings. Another caching consideration is determining whether previous versions of the cache should be persisted. Persistence of previous values in reports might be required by business users for comparison purposes or to be able to refer to those numbers later. Using snapshots, you can create persistent copies of a report and store those copies in the report history.

---

### **Question: 103**

---

You are developing a SQL Server 2008 Analysis Server (SSAS) method which includes a measure group called TestGroup with a one partition for Company.com.

The condition listed below should be included

- \* Searches which utilize TestGroup on the newest version of the information.

\* In a many aspects format, the whole collections which are member of TestGroup are reserved.  
In order to solve the problem, which is the correct answer?

- A. You should configure Real-time hybrid online analytical processing (HOLAP)
- B. You should configure Real-time relational offline analytical processing (ROLAP).
- C. You should configure scheduled relational offline analytical processing (ROLAP).
- D. You should configure scheduled online processing (MOLAP).

---

**Answer: A**

---

Explanation:

**HYBRID OLAP**

As its name suggests, HOLAP is a hybrid between MOLAP and ROLAP. In HOLAP, the cube data remains in the relational store, but the aggregations are stored on the SSAS server.

HOLAP is the most efficient mode in terms of disk space because detail-level data is not duplicated, as it is with MOLAP, and HOLAP requires less space to store aggregations than ROLAP does.

---

**EXAM TIP**

Choose the HOLAP storage mode if you want to store cube aggregations on the SSAS server but keep the fact data in the source database.

---

In terms of query performance, HOLAP scores in the middle. If the query can be satisfied entirely by existing aggregations, HOLAP performs as well as MOLAP. But if it cannot be satisfied, the query is sent to the relational database, and performance suffers. In terms of processing times, HOLAP cubes might be processed faster than either MOLAP or ROLAP cubes because data is read only once to create aggregations. However, because SSAS has an efficient storage architecture, in real life MOLAP and HOLAP should give you comparable processing times, so it is best to consider HOLAP only for large historical partitions that are queried infrequently.

---

**Question: 104**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) method for Company.com.

There are some components listed below:

A hierarchy called Test in a time dimension called DimTestTime

A method called SalesNumber You decide to increase codes to the cube's calculation

11....

12 Freeze([Measures].[ SalesNumber],

13 [DimTestTime].[ Test].[Quarter].[Q0 2008]);

14....

For every month in the second quarter of 2008, not only should you add the value of the SalesNumber measure through 80%. But also you should make sure that the value for the second quarter of 2008 keeps common.

Which is the correct answer?

- A. You should increase codes below at line 14. Scope([Measures].[DimTime].[Date].[Quarter].[Q0 2008]);This= [DimTime].[Date].currentmember \* 3;End Scope;
- B. You should increase codes below at line 11. Scope([Measures].[ SalesNumber],[DimTestTime].[ Test]. [Quarter]. [Q0 2008]);End Scope;
- C. You should increase codes below at line 14 [ SalesNumber],Descendants([DimTestTime].[Test].[Quarter]. [Q0 2008][ DimTestTime].[ Test].[Month]));This=[ DimTestTime].[Test].currentmember \* 5;End Scope;

D. You should increase codes below at line 11. Scope([Measures]  
SalesNumber],Descendants([DimTestTime].[ Test].[Second].[ Q0 2008][ DimTestTime].[ Test].[ Second]));This=[ [ Test] [Second].currentmember \* 1.5; End Scope;

---

**Answer: C**

---

### **Question: 105**

---

Through utilizing SQL Server 2008 Analysis Services (SSAS) for Company.com,you are developing a model of data mining. Through utilizing the listed Data Mining Extensions (DMX) codes, you could develop a structure

```
CREATE MINING STRUCTURE [Clerk Maker] ( [User Key] LONG KEY,[Total Age] LONG  
DISCRETIZED  
(Automatic, 20),[Clerk Maker] LONG ISCRETE,[Distance] TEXT DISCRETE,[Monthly Income]  
DOUBLE  
CONTINUOUS)
```

Not only should you develop a mining model which could be operated through utilizing this structure, but also you should make sure that the model utilizes the Microsoft algorithm.

Which is the correct answer?

A. You should add codes below: ALTER MINING STRUCTURE [Clerk Maker] ADD MINING MODEL [Decision Tree] ([User Key], [Total Age], [Clerk Maker] PREDICT, [Distance], [Monthly Income])

B. You should add codes below:

```
INSERT INTO [Decision Tree] ([User Key], [Clerk Maker], [Monthly Income]) OPENQUERY ([Clerk  
Maker],'Select [User Key], [Clerk Maker], [Monthly Income]')
```

C. You should add codes below: SELECT \* FROM [Decision Tree] USING  
[Microsoft\_Decision\_Trees] FROM [Decision Tree]]

D. You should add codes below: SELECT \* FROM [Decision Tree] USING  
[Microsoft\_Decision\_Trees] FROM [Clerk Maker]

---

**Answer: A**

---

### **Question: 106**

---

You are creating a SQL Server 2008 Integration Services (SSIS) package which should be intercalated on 20 servers for Company.com.

You can't visit the file system of any server.

You should change the package setting attributes when package is running.

Which is the correct answer below?

A. You should create an XML configuration file. Select the XML configuration type in the SSIS Package Configurations Organizer.

B. You should create a batch file that uses the dtutil utility program to set the package configuration properties while the package deploys into production.

C. You should Use the SSIS Package Configuration Wizard to create a SQL Server Configuration type. Select a centralized Microsoft SQL Server to store the package configuration

D. You should create a .REG file that contains entries for each of the configuration properties.  
Select a single Registry Configuration type in the SSIS Package Configurations

---

**Answer: C**

---

Explanation:

Type Description

XML Configuration File Stores configuration settings in an XML file in the file system. Select XML Configuration File if you are comfortable working with configuration files and your project requirements let you store configuration information in a file system file. You can store multiple configurations in a single XML file. Environment Variable Saves the configuration information inside the system's global variables collection, which is called an environment variable. When you add an Environment Variable configuration, you can choose only one property for each Environment Variable configuration. Registry Entry Lets you save package properties and settings inside your computer's registry. You can select multiple configuration settings at a time and store them in the registry. Parent Package Variable Provides a way to inherit the value of a variable from a parent package. When a package is executed from another SSIS package by using the Execute Package Task, the values of its variables are available to the child package through the Parent Package Variable configuration. With this configuration type, you can choose only one package property setting at a time. SQL Server Uses a SQL Server table to store the package setting information. This configuration setting lets you store multiple configurations in a single table. Creating a SQL Server Configuration If you decide to store your package configurations in a SQL Server table, select SQL Server from the Configuration Type drop-down list in the Package Configuration Wizard. Using Microsoft SQL Server as the storage mechanism for your configurations requires a different group of settings from what the other configuration types, such as the XML Configuration File, use. Figure 3-5 shows the SQL Server configuration options available for setting up configurations EXAM TIP Packages can share SQL Server configurations even if they are running on different servers because the SQL Server configuration does not have to be stored on the local server, unlike the other configuration types

---

### **Question: 107**

---

You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

There is a dimension called TestProduct which includes the listed properties.

- \* Product
- \* City
- \* Country

The TestProduct dimension is connected with a measure group named Products which owns the Granularity attribute link to City. It is a key for Product. You should make sure that you could search values according to the City and Country properties.

Which is the correct answer?

- A. You should configure the source property to Product and the connected property to City. And then configure the source property to City and the connected property to Country.
- B. You should configure the source property to Product and the connected property to City.
- C. You should modify the source property to Product and the connected property to City.
- D. You should delete the source property to Product and the connected property to City.

---

**Answer: A**

---

---

### **Question: 108**

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You are creating a Microsoft SQL Server 2005 Analysis Services (SSAS) project for Company.com.

In order to move database from Analysis Services 2000 to Analysis Services 2008, which is the correct answer?

- A. You should close a new SSAS project by using Business Intelligence Development Studio (BIDS). Rightclick Project. Click the Add option, and then click the Existing Item option.

- B. You should link to the SQL Server 2008 SSAS instance by using Microsoft SQL Server 2005 Reporting Services (SSRS). Right-click Instance in Object Explorer, and then click the
- C. You should link to the SQL Server 2008 SSAS instance by using Microsoft SQL Server 2005 Integration Services (SSIS). Right-click Instance in Object Explorer, and then click the
- D. You should link to the SQL Server 2008 SSAS instance by using Microsoft SQL Server Management Studio (SSMS). Right-click Instance in Object Explorer, and then click the Migrate

---

**Answer: D**

---

### **Question: 109**

You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

There is a table called Product which includes listed columns below:

- \* ProductKey
- \* Logger
- \* ProductNumber

Firstly you develop a dimension called DimProductOrders from the Product table, and then configure the ProductKey as a key column and the Logger column as a property.

At last you create a measure group called FactProductOrders from the Product table.

You should make sure that you could develop a dimension relationship .

Then you could make ProductNumber column gathered by the Logger column.

Which is the correct answer?

- A. Between the DimProductOrders dimension and the ProductNumber measure group, you should develop a virtual dimension relationship.
- B. Between the DimProductOrders dimension and the ProductNumber measure group, you should develop a fact dimension relationship.
- C. Between the DimProductOrders dimension and the ProductKey measure group, you should develop a fact dimension relationship.
- D. Before configuring the Granularity attribute to ProductKey and the measure group columns to ProductNumber, you should you should develop a fact dimension relationship.

---

**Answer: B**

Explanation:

Dimension Usage Relationship Types

Relationship type purpose Regular Defines the relationship when a dimension is joined directly to a measure group through a specific attribute called the “granularity” attribute.

Fact Used when the dimension is based on the fact table used to define the measure group.

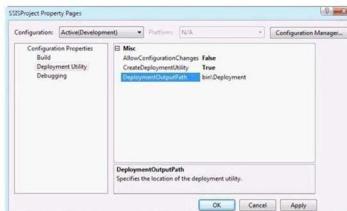
Referenced Used when a given dimension is related to a measure group through an intermediate dimension. Many-To-Many Specifies that a dimension is related to a given measure group through an intermediate measure group. Data Mining Defines the relationship between a dimension based on a data mining model and a given measure group.

EXAM TIP

Sometimes after analyzing the database schema and designing fact and dimension tables, you will be left with columns in the fact table that do not justify moving them to designated dimension tables, such as Sales order number. yet reporting requirements might require you to let end users browse data by these columns—for example, to see all sales order line items for a given sales order. you can meet such requirements by building dimensions directly from the fact table and then joining them to the related measure groups through a fact relationship.

---

### **Question: 110**



You are creating a SQL Server 2008 Analysis Services (SSAS) database which contains some measure groups for Company.com.

One of measure groups Product Data allows refresh Than others' frequently.

You should make sure that Product Data measure group would operate on a schedule managed through SSAS.

Which is the correct answer?

- A. You should change the attribute of the ProactiveCaching property.
- B. You should change the attribute of the DataAggregation property.
- C. You should change the attribute of the ProcessingMode property.
- D. You should change the attribute of the ProcessingPriority property.

---

**Answer: A**

---

**Explanation:**

The ProactiveCaching property determines whether the SSAS service will process and update the dimension automatically. Most typical SSAS solutions use MOLAP storage and do not employ proactive caching.

**EXAM TIP**

Proactive caching is especially useful when the relational database is transaction oriented and data changes at random. When data changes are predictable—such as when you use an extract, transform, and load (ETL) process to load data—consider processing the cube explicitly. When the data source is transaction oriented and you want minimum latency, consider configuring the cube to process automatically by using proactive caching.

**How Proactive Caching Works**

When you enable proactive caching, the server can listen for data change notifications and can update dimensions and measures dynamically in an “autopilot” mode.

---

**Question: 111**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now in Business Intelligence Development Studio, you are developing a SQL Server 2008 Integration Services (SSIS) project.

You configure the project properties as shown in the following image.

You need to create a deployment manifest for all packages in the project.

What should you do?

- A. You should view the code of each Data Transformation Services (DTS) package. Then you should copy the first <DTS:Property> xml node to a file with a .SSISDeploymentManifest file extension.
- B. You should build the Integration Services project
- C. You should modify the AllowConfigurationChanges property of the project
- D. You should copy each package. Then you should rename each copy with a .SSISDeploymentManifest file extension

---

**Answer: B**

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### **Question: 112**

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You are a database developer and you have about two years experience in reating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008.

You work as the technical support. Now you are in charge of an instance of a SQL Server 2008 server.

You use the server to execute SQL Server 2008 Integration Services (SSIS) packages.

Now you get an e-mail from your company CIO, according to the requirement of the CIO, the server must only execute only correctly signed packages.

The company CIO assigns this task to you. So what should you do to achieve this goal?

- A. On all packages, the package protection level should be set to DontSaveSensitive
- B. On all packages, the package protection level should be set to EncryptSensitiveWithPassword
- C. You should set the BlockedSignatureStates registry entry to Block invalid and untrusted signatures and unsigned packages
- D. The BlockedSignatureStates registry entry should be set to NoAdministrativeRestriction

---

**Answer: C**

---

**Explanation:**

#### **Signing Packages with Certificates**

A SQL Server 2005 Integration Services (SSIS) package can be signed with a certificate and configured to require the runtime to check the signature before loading the package. The properties of the package, CheckSignatureOnLoad and CertificateObject, indicate whether a certificate must be checked, and specify the certificate that was used to sign the package. The certificate used to sign the package must be enabled for code signing. Integration Services provides a registry value that you can use to manage an organization's policy for loading signed and unsigned packages. The registry value can also manage untrusted signatures of signed packages. With regard to the status of signatures used to sign packages, the BlockedSignatureStates registry value uses the following definitions:

A valid signature is one that can be read successfully.

An invalid signature is one for which the decrypted checksum (the one-way hash of the package code encrypted by a private key) does not match the decrypted checksum that is calculated as part of the process of loading Integration Services packages.

A trusted signature is one that is created by using a digital certificate signed by a Trusted Root Certification Authority. This setting does not require the signer to be found in the user's list of Trusted Publishers.

An untrusted signature is one that cannot be verified as issued by a Trusted Root Certification Authority, or a signature that is not current.

Value	Description
0	No administrative restrictions.
1	Block invalid signatures This setting does not block unsigned packages.
2	Block invalid and untrusted signatures. This setting does not block unsigned packages, but blocks self-generated signatures.
3	Block invalid and untrusted signatures and unsigned packages. This setting also blocks self-generated signatures.

If the type of the BlockedSignatureStates registry value is a DWORD, and the registry value is not 0, 1, 2, or 3, Integration Services treats the registry value as if it were DWORD with the value 3. If BlockedSignatureStates is not set to DWORD, Integration Services treats the registry value as if it were DWORD with the value 0.

**Note** The recommended setting for BlockedSignatureStates is 3. This setting provides the greatest protection against unsigned packages, either valid or untrusted. However, the recommended setting may not be appropriate in all circumstances. For more information about assets, see the topic "Introduction to Code Signing," in the MSDN Library.

ue to prevent packages from loading if the packages are unsigned, or have invalid or untrusted signatures. You must add the BlockedSignatureStates DWORD value to the HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\MSDTS registry key and specify the value 0, 1, 2, or 3. The following table lists the valid values of the DWORD data and their associated policies.

## Question: 113

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you are responsible for the security in SQL Server 2008 Reporting Services (SSRS). After a new user is assigned to a role, you should give the permissions to the user, making the user publish reports and manage content only in a private folder. So what action should you perform?

- A. You should assign the user to the Content Manager and the Report Builder roles
- B. You should assign the user to the Publisher role.
- C. You should assign the user to the My Reports role
- D. You should assign the user to the Content Manager and the Browser roles.

---

## Answer: C

---

Explanation:

<http://msdn.microsoft.com/en-us/library/ms156338.aspx>

My Reports Role SQL Server 2008 R2 Other Versions The My Reports role is a predefined role that includes a set of tasks that are useful for users of the My Reports feature. This role definition includes tasks that grant administrative permissions to users over the My Reports folder that they own. Although you can choose another role to use with the My Reports feature, it is recommended that you choose one that is used exclusively for My Reports security. For more information, see Securing My Reports.

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## Question: 114

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Your company CIO decides to deploy SQL Server 2008 Reporting Services (SSRS) on a SQL Server 2008 failover cluster. Since you are the IT support, the company CIO assigns this task to you. You check and find that both nodes of the cluster have been installed with Internet Information Services (IIS) which is virtualized on the Network Load Balancing (NLB) cluster. Now you have to perform the deployment of the SSRS in a fault-tolerant scale-out deployment. So what action should you perform?

- A. On both cluster nodes, you should install SSRS to use the same ReportServer database
- B. On both cluster nodes, you should install SSRS to use separate ReportServer databases
- C. On both cluster nodes, you should install SSRS, and then you should use the SQL Server resource group to cluster the SSRS service
- D. On both cluster nodes, you should install SSRS, and then you should use a new resource group to cluster the SSRS service

---

**Answer: A**

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### **Question: 115**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you are in charge of a SQL Server 2008 Reporting Services (SSRS) database server. Large quantities of reports are contained in the instance, and the reports execute slowly. Multiple execution snapshots are contained in the reports. There is a new production server and you have installed SSRS on the server. Now you receive an e-mail from your company CIO, according to the requirement of the CIO, the reports and their snapshots have to be moved to the production server as soon as possible. You've been assigned this task. So what action should you perform to achieve this goal?

- A. In order to achieve this goal, you should use Business Intelligence Development Studio (BIDS) to deploy the solutions
- B. In order to achieve this goal, you should use the rs.exe utility
- C. In order to achieve this goal, you should copy the Report Server databases to the production server. Then use the Reporting Services Configuration tool to configure the server.
- D. In order to achieve this goal, you should use the rskeymgmt.exe utility

---

**Answer: C**

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### **Question: 116**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you are in charge of a SQL Server 2008 Reporting Services (SSRS) instance. Some reports are included in the instance. The reports access data from a SQL Server 2008 instance by using stored credentials. There is a computer which contains an instance. The computer experiences hardware failure, after it recovers, you install a new SSRS instance on it. Now you must make sure that the reports hosted on the instance can still function correctly. So what action should you perform?

- A. In order to make sure of this, you should reinitialize the Report Server.
- B. In order to make sure of this, you should restore the encryption keys/restore the encryption keys

- C. In order to make sure of this, you should recreate the encryption keys.
- D. In order to make sure of this, you should recreate the Report Server database

---

**Answer: B**

Explanation:

MCTS Self-Paced Training Kit (Exam 70-448) p. 579

EXAM TIP When faced with a system failure where you lose your SSRS instance and/or database, you will:

- \* first need to reinstall SSRS.
- \* After the installation is complete, you can optionally restore the latest backup of your report server catalog database (if it was also lost).
- \* After the service and catalog databases are in place,
- \* your final step is to restore the encryption key onto the newly installed instance of SSRS.

This will enable the report server to be able to decrypt the catalog security, reports, and data sources.

---

### **Question: 117**

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

There is a SQL Server 2008 Reporting Services (SSRS) instance. Now you are in charge of a report in this instance. Query parameters are contained in this report which queries the data source at random. Users are allowed to filter the contents of the report according to the query parameters.

You perform this configuration on the report, making it be rendered from a report execution snapshot.

You must make sure that parameters can still be used to filter the report after the configuration.

So what action should you perform?

- A. A default value should be added to all parameters
- B. First, the queries should be moved to the stored procedures. Then populate and filter the datasets of the report by using the stored procedures.
- C. The datasets should be modified to use the Table query type
- D. First, from the dataset queries remove the filters. Then filter the datasets by using the parameters.

---

**Answer: D**

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### **Question: 118**

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

According to the requirement of the company CIO, you are using SQL Server 2008 Integration Services (SSIS) to create packages.

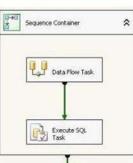
The package connects to a third-party database server by using an OLE DB connection manager.

Integrated Windows authentication is not supported by the database.

A configuration file is created to configure the connection manager. The configuration file is added to the package after it is created.

An error message pops up when the package executes.

The error message says that the login step fails. Now you must solve this problem.



So what should you do to successfully execute the package?

- A. In order to achieve this goal, you should use an indirect XML configuration
- B. In order to achieve this goal, you should edit the XML configuration file
- C. In order to achieve this goal, you should use a Microsoft ADO.NET connection manager while not an OLE DB connection manager
- D. In order to achieve this goal, you should run the package on the same server as the third-party database server

---

**Answer: B**

---

### **Question: 119**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. According to the requirement of the company CIO, you are using Business Intelligence Development Studio to edit a SQL Server 2008 Integration Services (SSIS) package.

A custom data flow component is used by the package which runs successfully.

You try to add another instance of the custom data flow component to the package, but you find that the data flow component does not appear in the toolbox or in the Choose Toolbox Items dialog box.

You have to solve this problem. So what should you do to successfully add the custom data flow component to the toolbox?

- A. You should use the REGSVR32 utility to register the assembly by using
- B. You should copy the assembly to the appropriate folder
- C. The assembly should be added to the Global Assembly Cache
- D. You should use the Assembly Registration utility (REGASM.EXE) to register the assembly

---

**Answer: B**

---

### **Question: 120**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical

support.

According to the requirement of the company CIO, you use SQL Server 2008 Integration Services (SSIS) to create a package. The exhibit below shows the structure of the package.

You have to define a variable. The variable contains sensitive information that can only be accessed by the Sequence Container, the Data Flow Task, and the Execute SQL Task.

What action should you perform?

- A. At the Data Flow Task scope, the variable should be created
- B. At the package scope, the variable should be created
- C. At the Sequence Container scope the variable should be created
- D. At the Execute SQL Task scope, the variable should be created

---

**Answer: C**

---

### **Question: 121**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. According to the requirement of the company CIO, you design a SQL Server 2008 Integration Services (SSIS) data flow. The data flow inserts data from a source query to a destination table. But now you must make sure that only those rows that do not already exist in the destination table are inserted. So what should you do to accomplish this task? (choose more than one)

- A. In order to accomplish this task, you can use the Fuzzy Lookup transformation
- B. In order to accomplish this task, you can use the Fuzzy Grouping transformation
- C. In order to accomplish this task, you can use the Merge transformation
- D. In order to accomplish this task, you can use the Lookup transformation
- E. In order to accomplish this task, you can use the Union All transformation
- F. In order to accomplish this task, you can use the Merge Join transformation

---

**Answer: D,F**

---

**Explanation:**

**Lookup Transformation**

The Lookup transformation performs lookups by joining data in input columns with columns in a reference dataset. You use the lookup to access additional information in a related table that is based on values in common columns. The reference dataset can be a cache file, an existing table or view, a new table, or the result of an SQL query. The Lookup transformation uses either an OLE DB connection manager or a Cache connection manager to connect to the reference dataset. For more information, see OLE DB Connection Manager and Cache Connection Manager. Integration Services and SQL Server differ in the way they compare strings. If the Lookup transformation is configured to load the reference dataset into cache before the Lookup transformation runs, Integration Services does the lookup comparison in the cache. Otherwise, the lookup operation uses a parameterized SQL statement and SQL Server does the lookup comparison. This means that the Lookup transformation might return a different number of matches from the same lookup table depending on the cache type. **Merge Join Transformation** The Merge Join transformation provides an output that is generated by joining two sorted datasets using a FULL, LEFT, or INNER join. For example, you can use a LEFT join to join a table that includes product information with a table that lists the country/region in which a product was manufactured. The result is a table that lists all products and their country/region of origin. For more information, see Using Joins.

You can configure the Merge Join transformation in the following ways:

- \* Specify the join is a FULL, LEFT, or INNER join.

\* Specify the columns the join uses.

\* Specify whether the transformation handles null values as equal to other nulls.

Note: If null values are not treated as equal values, the transformation handles null values like the SQL Server Database Engine does.

This transformation has two inputs and one output. It does not support an error output.

#### Input Requirements

The Merge Join Transformation requires sorted data for its inputs. For more information about this important requirement, see How to: Sort Data for the Merge and Merge Join Transformations.

#### Join Requirements

The Merge Join transformation requires that the joined columns have matching metadata. For example, you cannot join a column that has a numeric data type with a column that has a character data type. If the data has a string data type, the length of the column in the second input must be less than or equal to the length of the column in the first input with which it is merged.

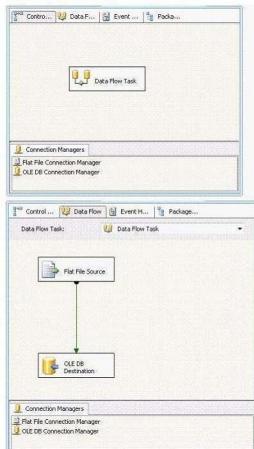
---

### **Question: 122**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.



You make modification on a SQL Server 2008 Integration Services (SSIS) package. Look at the following SQL Server 2008 table. The package loads the data extracted from a text file to this table.

Now you receive an order from your company CIO, the package has to be updated to extract data from multiple text files of the same directory.

In order to achieve this goal, what should you do? (Choose more than one)

- A. An expression should be added to the Flat File connection manager
- B. A variable should be added to the package
- C. A For Loop container should be added to the package
- D. A variable should be added to the data flow task
- E. A Foreach Loop container should be added to the package

F. An expression should be added to the Flat File Source component

---

**Answer: A,B,E**

---

### **Question: 123**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you.

You use SQL Server 2008 Reporting Services (SSRS) to create a solution.

There is a dimension named Number and a time dimension named Day.

A column named PresentBalance is contained in a fact table. PresentBalance contains the current account balance.

A measure named NumberBalance has to be created from the PresentBalance column.

The NumberBalance is used to display the closing account balance for a time period. So what action should you perform?

- A. The AggregationFunction property of NumberBalance should be set to FirstNonEmpty
- B. The AggregationFunction property of NumberBalance should be set to Sum
- C. The AggregationFunction property of NumberBalance should be set to ByAccount
- D. The AggregationFunction property of NumberBalance should be set to LastNonEmpty

---

**Answer: D**

---

Explanation:

EXAM TIP

Development and Enterprise editions of SSAS provide several functions—such as LastChild, LastNonEmpty, and AverageOfChildren—that help you handle semiadditive measures. for example, LastNonEmpty will let you get the closing inventory balance for a given time period that is not empty. Although you can use custom MDX expressions to aggregate semiadditive measures, you will get better performance if you use these standard functions. for the complete list of standard aggregation functions, see the topic “Configuring Measure Properties” in SQL Server 2008 Books online (see References).

### **Question: 124**

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You are a database developer and you have about two years experience in reating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you.

You use SQL Server 2008 Reporting Services (SSRS) to create a solution.

Your solution includes a time dimension named DimDay.

And the DimDay dimension contains a hierarchy named Yr-Qtr-Mth.

There is a measure group named Measures01 which contains a measure named Number.

Now a calculated member has to be created, then it will be used to display the Number measure in the previous time period for the current level of the Yr-Qtr-Mth hierarchy.

In the following options, which expression should be used?

- A. ([Measures01].[Number],OPENINGPERIOD( [DimDay].[Yr-Qtr-Mth].FirstSibling.Level))

- B. ([Measures01].[Number],LASTPERIODS( 0,[DimDay].[Yr-Qtr-Mth].PrevMember))
- C. ([Measures01].[Number],[DimDay].[Yr-Qtr-Mth].PrevMember)
- D. ([Measures01].[Number],[DimDay].[Yr-Qtr-Mth].FirstSibling)

---

**Answer: C**

Explanation:

Functions for navigating Hierarchies

MDX provides functions such as PrevMember, Children, and Parent for navigating hierarchies.

PrevMember takes a member and returns a previous member in the hierarchy. For example, [Order Date].[Calendar].PrevMember returns the previous member with respect to the current member of the Calendar hierarchy. So if the Calendar hierarchy is expanded to the Year level and the current cell is referenced by year 2004, PrevMember will return year 2003.

EXAM TIP

The PrevMember function is frequently used to define the KPI Trend or Goal properties. for example, the Reseller Sales KPI uses the following expression to set the Goal property to 40 percent more than the Reseller Sales Amount for the previous date period: 1.40 \*

([Date].[Calendar].PrevMember, [Measures].[Reseller Sales Amount])

Consequently, if the user browses the cube data by years, the PrevMember function will return the previous year for each year. If the user browses data by quarters, the PrevMember will return the previous quarter for each quarter, and so on.

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### **Question: 125**

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008.

You work as the technical support. Now you receive an e-mail from your company CIO, in the email, the CIO assigns a task to you.

You use SQL Server 2008 Reporting Services (SSRS) to create a solution. You enable proactive caching for a partition.

A data source view (DSV) is added to the solution. The DSV contains a table which is named Worker.

The table has two columns: WorkerKey and ExecutiveKey.

The ExecutiveKey column references the executive of the workers.

In the DSV, you have to define the relationship between the employees and their manager. What action should you perform?

- A. You should use WorkerKey as the source column and ExecutiveKey as the destination column to create a relationship
- B. A Named Calculation should be created. The Name Calculaton uses WorkerKey and ExecutiveKey
- C. You should use ExecutiveKey as the source column and WorkerKey as the destination column to create a relationship.
- D. A Named Query should be created. The Named Query uses a relationship with WorkerKey as the source column and ExecutiveKey as the destination column

---

**Answer: C**

Explanation:

To create a new attribute relationship, follow these steps:

1. In the Attributes pane, right-click the source attribute that is on the “one” side of the relationship, and then select

No Attribute Relationship.

2. Configure the relationship by using the Create Attribute Relationship dialog box. Make sure that the Name drop-down list below Source Attribute shows the attribute that is on the “many” side of the relationship and that the Name drop-down list below Related Attribute shows the attribute on the “one” side of the relationship. Use the Relationship Type drop-down list to specify a Flexible or Rigid relationship type. You can also create a new relationship in the Dimension Designer by dragging the source attribute onto the related attribute in the Diagram pane.

To delete an attribute relationship, select the relationship in the Attribute Relationships pane (or click the arrow connector in the Diagram pane) and then press Delete,

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### **Question: 126**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008.

Now you are in charge of a SQL Server 2008 Analysis Services (SSAS) instance.

There is a database in the instance.

After the DataDir property of the instance is changed to a new folder, you must make sure that the instance uses the new folder with as little downtime as possible.

So what action should you perform?

- A. You have to synchronize the database
- B. You have to process the database
- C. After you delete the files in the original folder, you have to restart the Analysis Services service.
- D. You have to shut down the Analysis Services service, and then restart it

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**Answer: B**

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### **Question: 127**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008.

You work as the technical support. Now you receive an e-mail from your company CIO, in the email, the CIO assigns a task to you.

You use SQL Server 2008 Reporting Services (SSRS) to create a solution.

There is a time dimension named DimDay in the solution.

There is a table named FinishedSales. This table contains two columns both of which refer to the DimDay dimension.

The two columns are respectively named BillDate and MailDate.

Now you get an e-mail from your company CIO, in the e-mail the CIO posts a requirement.

The DimDay dimension must be able to be used to browse through measures in the FinishedSales table for both BillDate and MailDate.

You have to ensure this. So what action should you perform?

- A. Between the DimDay dimension and the FinishedSales measure group, a many-to-many relationship should be created.
- B. Between the DimDay dimension and the FinishedSales measure group, a reference relationship should be created.
- C. Between the DimDay dimension and the FinishedSales measure group, two regular relationships should be created.
- After you create the two relationships, you should use different measure group columns
- D. Between the DimDay dimension and the FinishedSales measure group, two regular relationships should be created. After you create the two relationships, you should use identical measure group columns.

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**Answer: C**

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**Question: 128**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you.

You use SQL Server 2008 Reporting Services (SSRS) to create a solution.

The solution contains a dimension named DimDay and a measure group named FinishedSales.

The DimDay dimension contains an attribute which is named Week. The FinishedSales references the DimDay dimension. According to the requirement of the company CIO, you must make sure that the aggregations designed on FinishedSales always include the Week attribute.

So what action should be performed?

- A. You should set the Usage property appropriately
- B. You should set the IsAggregatable property appropriately
- C. You should set the AggregationUsage property appropriately
- D. You should set the AttributeHierarchyEnabled property appropriately

---

**Answer: C**

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**Explanation:**

Review Aggregation Usage (Aggregation Design Wizard)

SQL Server 2008 R2 Other Versions Use the Review Aggregation Usage page to configure aggregation usage settings.

Options Default: Select to set the aggregation usage setting for the attribute to Default. By using this setting, the designer applies a default rule based on the type of attribute and dimension. Full: Select to set the aggregation usage setting for the attribute to Full. By using this setting, every aggregation for the cube must include this attribute or a related attribute that is lower in the attribute chain. The Full aggregation usage setting should be avoided when an attribute contains many members. If specified for multiple attributes or attributes that have many members, this setting might prevent aggregations from being designed because of excessive size. None: Select to set the aggregation usage setting for the attribute to None. By using this setting, no aggregation for the cube can include this attribute. Unrestricted: Select to set the aggregation usage setting for the attribute to Unrestricted. By using this setting, no restrictions are put on the aggregation designer; however, the attribute must still be evaluated to determine whether it is a valuable aggregation candidate. Set All to Default: Select to set the aggregation usage settings for all attributes to Default. The presence of an (All) level in an attribute hierarchy depends on the IsAggregatable property setting for the attribute and the presence of an (All) level in a user-defined hierarchy depends on the IsAggregatable property of the attribute at the top-most level of user-defined hierarchy. If the IsAggregatable property is set to True, an (All) level will exist.

A hierarchy has no (All) level if the IsAggregatable property is set to False.

**Question: 129**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you. You use SQL Server 2008 Reporting Services (SSRS) to create a solution. There is a table in the solution. The table is named FinishedBills. The table contains two columns respectively named BillKey and ClientKey. You have to create a measure,

the number of customers who have placed bills is returned by the measure. So what action should you perform?

- A. The Usage property should be set to Count of rows and the Source Column property should be set to OrderKey.
- B. The Usage property should be set to Count of rows and the Source Column property should be set to CustomerKey.
- C. The Usage property should be set to Distinct count and the Source Column property should be set to OrderKey.
- D. The Usage property should be set to Distinct count and the Source Column property should be set to CustomerKey

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**Answer: D**

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### **Question: 130**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you.

You use SQL Server 2008 Reporting Services (SSRS) to create a project.

Data from a SQL Server 2005 Analysis Services database will be displayed by the report.

According to the requirement of the company CIO, you must make sure that member properties and extended properties are displayed by the report.

So what should you do?

- A. The SQL Server Analysis Services data source should be used.
- B. The SQL Server data source should be used
- C. The OLE DB for SQL Server data source should be used.
- D. The OLE DB for the Analysis Services 8.0 data source should be used

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**Answer: A**

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### **Question: 131**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you. According to his requirement, a SQL Server 2008 Reporting Services (SSRS) report should be created. You use SQL Server 2008 Reporting Services (SSRS) to create a report. The report has a report header and a report footer. The report is correctly rendered. You notice that even-numbered pages are rendered blank when the report is rendered as a PDF file. You have to solve this problem. The report has to be modified to prevent the rendering of blank pages. What action should be performed?

- A. The page size of the report should be reduced
- B. The height of the report header should be reduced
- C. The overall width of the report should be reduced
- D. The height of the report footer should be reduced.

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**Answer: C**

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### **Question: 132**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Currently you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you are in charge of a SQL Server 2008 Analysis Services (SSAS) database. You get report from users saying that some queries run slowly. As the technical support, you have to check and identify the problem. You intend to use SQL Profiler to troubleshoot query performance. Of the following trace events, which one should you choose?

- A. You should choose to use Query Subcube
- B. You should choose to use MDX Script End.
- C. You should choose to use Get Data from Cache
- D. You should choose to use Query Cube End

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**Answer: A**

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### **Question: 133**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you receive an e-mail from your company CIO, in the e-mail, the CIO assigns a task to you. According to his requirement, you have to use SQL Server 2008 Reporting Services (SSRS) to design a report. Each time the users render the report, detail information is displayed.

According to the requirement of the CIO, Summary information must be displayed when the report is initially rendered.

Besides this, only when the users click a column header, detail information is displayed. You must satisfy these requirements.

So what action should be performed?

- A. You should set the hidden property to False. Then you should set the Visibility can be toggled by another report item property to True
- B. You should set the hidden property to True on the column that contains detail information.  
Then set the Visibility can be toggled by another report item property to True.
- C. You should set the hidden property to False on the column that contains detail information.  
Then set the Visibility can be toggled by another report item property to False.
- D. You should set the hidden property to True on the column that contains detail information.  
Then set the Visibility can be toggled by another report item property to False.

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**Answer: B**

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### **Question: 134**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

According to the requirement of the company CIO, you develop a report by using SQL Server 2008 Reporting Services (SSRS).

The report utilizes the "User!UserID" expression in a text box within the report header.

Now you get a requirement from your company Manager, data-driven subscriptions must successfully execute for this report.

So what should you do to make sure of this?

- A. You should remove the expression from the report header
- B. You should configure the report, making it no credentials
- C. You should configure the report, making it use stored credentials
- D. You should modify the expression in the report header as "User!UserName."

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**Answer: A**

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### **Question: 135**

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

There is a SQL Server 2008 instance. Now you are in charge of SQL Server 2008 Integration Services (SSIS) on this instance.

Now you get an order from your company, according to the company requirement, a failure recovery plan has to be created for packages that are deployed to a SQL Server.

As the IT support, you have to accomplish this task. So what action should be performed?

- A. You should perform the backup of the model database
- B. You should perform the backup of the MSDB database.
- C. You should perform the backup of the tempdb database
- D. You should perform the backup of the master database

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**Answer: D**

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### **Question: 136**

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

You are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008 Reporting Services (SSRS).

Now you are using SSRS to create a report and you attempt to have the report deployed on a report server.

In order to have the report delivered to a dynamic list of subscribers regularly, a new subscription should be created on the report server.

What action should you perform to achieve this goal?

- A. You should click the New Data-driven Subscription button after selecting the My Subscriptions page.
- B. You should click the New Data-driven Subscription button after selecting the report you created and clicking the Subscriptions tab
- C. You should click the New Subscription button after selecting the report you created and clicking the Subscriptions tab
- D. You should click the New Subscription button after selecting the My Subscriptions page.
- E. You should click the New Subscription button after selecting the report you created

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**Answer: B**

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### **Question: 137**

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. You are in charge of a SQL Server 2008 Reporting Services (SSRS) instance and you use it to create a report, which is so complex that it needs a few minutes to generate.

Now you are assigned a task to find a solution to configure the report server so that it can be cached for half an hour after the original request.

Which solution should be chosen to accomplish this task?

- A. The solution of using snapshot isolation to configure the data source would be chosen to accomplish this task
- B. The solution of using a database snapshot to configure the data source would be chosen to accomplish this task
- C. The solution of implementing report snapshots would be chosen to accomplish this task
- D. The solution of implementing report execution caching would be chosen to accomplish this task.

---

**Answer: D**

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**Explanation:**

**Using Report Caching**

Reporting Services has two mechanisms to reduce the overhead associated with a large number of concurrent users, large datasets, and long-running queries: report caching and report snapshots. Report snapshots are reviewed in the next section. By default, a report is rendered using the most recent data. This means that every execution starts by reading the database data. This could be a large processing burden on a production server. To reduce the load on your server, you can cache a temporary copy of a report. SSRS caches the report in the ReportServer database with all the data but without any of the rendering information. If a report exists in the cache, when the next user runs the report, the user gets the data from the cache, and there is no need to reread data from the database. Because the rendering information is not stored in the cache, a user can use any rendering format on the data. The data in the cache might become outdated after time, so you can define an expiration period for the cached report. You can define an expiration time in minutes, or you can force expiration on a shared or report-specific schedule. The Execution properties are grouped by caching options, report execution snapshot, and report execution time-out. After caching is enabled and the report is run for the first time after you enabled caching, the server stores the report data, and you can specify when the cache expires in one of two ways. First, the cache can be invalidated by specifying a number of minutes for which the cache is valid or by defining a report-specific schedule, or second, the cache can be invalidated through a shared schedule. The cache of a report will also be invalid if the data source credentials are changed or no longer stored on the report server. To enable caching for a report, you can choose the Expire Copy Of Report After A Number Of Minutes option and set the expiration minutes. Alternatively, you can choose the Expire Copy of Report on the Following Schedule option and then select the Report-Specific. If you cache a report, the first user who runs the report after the cache has expired will have to wait longer to view the report than the users who follow, because the first user triggers the data being read from the database.

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**Question: 138**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. To meet the business development, you create a SQL Server 2008 Analysis Server (SSAS)

solution with a measure group contained.

The measure group named Meatruth has a single partition. Now you are asked to not only make sure you have all aggregations that are part of the measure group stored in a multidimensional format, but also make sure the queries that use the measure group always refer to the newest edition of the source detail data. So what action should you perform to achieve that goal?

- A. You should set the ProactiveCaching property of the partition to scheduled multidimensional online analytical processing (MOLAP).
- B. You should set the ProactiveCaching property of the partition to real-time multidimensional online analytical processing (MOLAP)
- C. You should set the ProactiveCaching property of the partition to real-time hybrid online analytical processing (HOLAP).
- D. You should set the ProactiveCaching property of the partition to real-time relational online analytical processing (ROLAP)
- E. You should set the ProactiveCaching property of the partition to automatic multidimensional online analytical processing (MOLAP).

---

**Answer: C**

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Explanation:

HYBRID OLAP

As its name suggests, HOLAP is a hybrid between MOLAP and ROLAP. In HOLAP, the cube data remains in the relational store, but the aggregations are stored on the SSAS server.

HOLAP is the most efficient mode in terms of disk space because detail-level data is not duplicated, as it is with MOLAP, and HOLAP requires less space to store aggregations than ROLAP does.

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**EXAM TIP**

Choose the HOLAP storage mode if you want to store cube aggregations on the SSAS server but keep the fact data in the source database.

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In terms of query performance, HOLAP scores in the middle. If the query can be satisfied entirely by existing aggregations, HOLAP performs as well as MOLAP. But if it cannot be satisfied, the query is sent to the relational database, and performance suffers. In terms of processing times, HOLAP cubes might be processed faster than either MOLAP or ROLAP cubes because data is read only once to create aggregations. However, because SSAS has an efficient storage architecture, in real life MOLAP and HOLAP should give you comparable processing times, so it is best to consider HOLAP only for large historical partitions that are queried infrequently.

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**Question: 139**

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To render correctly the report with dataset for 25 column to Excel what would you use

- A. Matrix
- B. Rectangular
- C. Table
- D. Lists

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**Answer: C**

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Explanation:

<http://technet.microsoft.com/en-us/library/cc966445.aspx>

Data Regions

One of your first critical design decisions is which type of data region to use in your report.

Reporting Services offers the following types of data regions:

Tables A table represents data, row by row. The columns are static in that they do not expand, but the rows expand downward. Thus, as a table grows, it pushes the data beneath it downward. You can also group data within the table.

### Matrices

A matrix, or crosstab, is like a table, but both columns and rows can expand to accommodate data. A matrix can push other report objects downward and outward on the report page. You can group data and also nest columns and rows within the matrix.

### Lists

A list is a freeform data region that is often used for creating forms. You can nest lists within lists to group data.

### Charts

A chart is a graphical representation of data. Reporting Services offers a wide range of chart formats. Your choice of data regions may depend on the type of data you are using, what you want the report to look like, and how you are rendering the report. For example, reports rendered to Microsoft® Excel® tend to work better when using a table instead of a list.

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### **Question: 140**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008 Analysis Services (SSAS) solution.

You are asked to develop a (SSAS) database with several measure groups. After the development, you notice that of these measure groups, one measure group named Product Data needs more updates than other measure groups. Besides, SSAS manages a schedule named Sch1.

Now you are assigned a task to make sure that the Product Data measure group will process on Sch1 automatically. So of the following properties, which one would be modified?

- A. DataAggregation
- B. DataCaching
- C. ProactiveCaching
- D. ProcessingPriority
- E. ProcessingMode

---

**Answer: C**

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### **Question: 141**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Integration Services (SSIS) package for the company. The package not only uses a Data Flow task to import the contents of the files to a table, but also uses a ForEach Loop container to process multiple files. Besides, it uses an Execute SQL task to log the results of the status into a table. Now you are assigned a task to make sure that within a single transaction, both of a Data Flow task and a ForEach Loop container task are executed successfully, but the Execute SQL task fails to execute. What should you do to achieve this goal? (Each correct answer presents part of the solution. Choose two.)

- A. You should have the TransactionOption property configured to Required in the package
- B. You should have the TransactionOption property configured to NotSupported in the Execute SQL task
- C. You should have the TransactionOption property configured to Required in the Data Flow task.
- D. You should have the TransactionOption property configured to Supported in the Execute SQL task
- E. You should have the TransactionOption property configured to NotSupported in the package

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**Answer: A,B**

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### **Question: 142**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

You are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008.

Now you are in charge of a SQL Server 2008 Reporting Services (SSRS) instance.

Currently the network security model of the instance under the domain has changed.

Your manager requires you to make sure that only Kerberos authentication will be supported by the instance.

In order to meet the requirements, what action should you perform?

- A. You should use Microsoft SQL Server Management Studio (SSMS) to edit the Server Settings.
- B. You should edit the Site Settings of the instance
- C. You should edit the RSReportServer.config file
- D. You should edit the rssrvpolicy.config file.
- E. You should use the Report Manager to edit the Site Settings of the instance

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**Answer: C**

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### **Question: 143**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. You are in charge of a SQL Server 2008 Reporting Services (SSRS) instance with several reports contained. Then you use the Business Intelligence Development Studio (BIDS) to have a report project configured on the instance. After the deployment, you notice that the test data sources of the report project substitute the production data sources on the instance, so you should find a solution to make sure that the deployment of the report project in future will not affect the existing reports, that is to say, all the data in the existing reports will not be changed or replaced.

What action should you perform?

- A. You should have the TargetReportFolder property configured on the instance
- B. You should have the OverwriteReportFolder property configured on the instance
- C. You should have the OverwriteDataSources property configured on the instance
- D. You should have the TargetServerURL property configured on the instance
- E. You should have the TargetDataSourceFolder property configured on the instance

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**Answer: C**

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### **Question: 144**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. You are in charge of a SQL Server 2008 Reporting Services (SSRS) instance. Accidentally, you find that 1000 reports are deployed on the SSRS instance by a developer, so your manager asks you to find a solution to prevent these reports from deploying on the SSRS instance so that it can be restored to its initial status.

What should you do to make the instance return to its initial status?

- A. You should restore the Report Server database to make the instance return to its initial status
- B. You should restore the Report Server Temporary database to make the instance return to its initial status
- C. You should restore the master database to make the instance return to its initial status
- D. You should restore the MSDB database to make the instance return to its initial status

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**Answer: A**

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**Question: 145**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. To meet the development requirements, you have SQL Server 2008 Reporting Services (SSRS) instance installed and configured on your network. According to the intention of the users of the report server, e-mail messages will be used to delivered reports. Now you get an order from the CIO that a remote SMTP server should be used to configure the report server so that reports can be delivered through e-mail message. So of the following files, which one should you modify to achieve that goal?

- A. RSMgrPolicy.config
- B. rssrvpolicy.config
- C. RSReportServer.config
- D. Web.config
- E. Global.asax

---

**Answer: C**

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Explanation:

msdn <http://msdn.microsoft.com/en-us/library/ms157273.aspx>

RSReportServer Configuration File

SQL Server 2008 R2 Other Versions

The RSReportServer.config file stores settings that are used by Report Manager, the Report Server Web service, and background processing. All Reporting Services applications run within a single process that reads configuration settings stored in the RSReportServer.config file. Delivery Specifies default (and possibly custom) delivery extensions used to deliver reports through subscriptions. The RSReportServer.config file includes application settings for four delivery extensions: report server e-mail, file share delivery, report server document library used for a report server that runs in SharePoint integrated mode, and the null delivery provider used to preload the report cache. Report Server E-mail Configuration Settings Report Server Email uses an SMTP network device to send reports to e-mail addresses. This delivery extension must be configured before it can be used. For more information, see Configuring a Report Server for E-Mail Delivery and E-Mail Delivery in Reporting Services.

Setting	Description
SMTPServer	Specifies a string value indicating the address of a remote SMTP server or forwarder. This value is required if you are sending e-mail from a local Report Server Windows service. It can be an IP address, a UNC name of a computer on your corporate intranet, or a fully qualified domain name.
SMTPServerPort	Specifies an integer value indicating the port on which the SMTP service uses to send outgoing mail to send e-mail.
SMTPAccountName	Contains a string value that assigns Microsoft Outlook Express account name. You can set this value to configure to use it in some way; otherwise you can leave it blank. Use <b>From</b> to specify an e-mail account.
SMTPConnectionTimeout	Specifies an integer value indicating the number of seconds to wait for a valid socket connection when sending e-mail. The default is 30 seconds, but this value is ignored if <b>SendUsing</b> is set to 2.
SMTPServerPickupDirectory	Specifies a string value indicating the pickup directory for the local SMTP service. This value must be folder path (for example, <code>.\vs\smail</code> ).
SMTPUseSSL	Specifies a Boolean value that can be set to use Secure Sockets Layer (SSL) when sending an SMTP message. The default value is 0 (or false). This setting can be used when the <b>SendUsing</b> element is set to 2.
SendUsing	Specifies which method to use for sending messages. Valid values are: 1= Sends a message from the local SMTP service pickup directory. 2= Sends the message from the network SMTP service.
SMTPAuthenticate	Specifies an integer value that indicates the kind of authentication to use when sending messages to TCP/IP connection. Valid values are: 0=No authentication. 1= (not supported). 2= NTLM (NT LanMan) authentication. The security context of the Report Server Windows service is used to connect to the network SMTP server.
From	Specifies an e-mail address from which reports are sent in the format <code>abc@host.org</code> . The address is required when sending e-mail message. This value is required if you are using a remote SMTP server. It checks that user permission to send mail.
EmbeddedRenderFormats, RenderingExtension	Specifies the rendering format used to encapsulate a report within the body of an e-mail message. These formats are subsequently embedded within the report. Valid values are MHTML and HTML4.0.
PrivilegedUserRenderFormats	Specifies rendering formats that a user can select from for a report subscription when subscribing.

## Question: 146

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. Your company

Role	Southern Area	Cars
Allowed set	{[Sales Territory].[Sales Territory Area].& [Southern]}	{[Product].[Product Category].[Product Category].& [Cars]}

makes and sells Cars. You work as the technical support. Now you are in charge of a SQL Server 2008 Analysis Services (SSAS) database. Tim is the distributor of the Southern Area. Now according to the business requirement, Tim has to access the database. After discussion, your company decides to give Tim the necessary permissions. There are two roles respectively named Southern Area and Cars. The table below shows the schemas of the two roles. For both roles, you have set the Visual Totals property to True. Now you get another order from the company, according to the company requirement, Tim can only be able to view the members in the Product dimension that relate to the Cars category in the Southern Area. You have to accomplish this task. So what action should you perform?

A. Tim should be added to a new role that has the following two components:

{[Sales Territory].[Sales Territory Area].AllMembers} as the denied set {[Sales Territory].[Sales Territory Area].[Southern]} as the allowed set. {[Product].[Product Category].[Product Category].AllMembers} as the denied set. {[Product].[Product Category].[Product Category].[Cars]} as the allowed set.

B. Tim should be added to the Cars role

C. Tim should be added to the Southern Area role

D. Tim should be added to a new role that has the following two components: {[Sales Territory].[Sales Territory Area].[Southern]} as the allowed set. {[Product].[Product Category].[Product Category].[Cars]} as the allowed set.

---

**Answer: D**

---

### Question: 147

---

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. To meet the business development, you create a SQL Server 2008 Analysis Server (SSAS) solution, which has a measure named ProductQuantity and a price dimension named DimPrice along with a hierarchy named Price. Then the code segment is added to the calculation script of the cube as the following: (Line letters are used only for reference.) Now you get an order from your manager to accomplish the following tasks:

1. Increase the value of the ProductionQuantity measure by 60% for each month in the fourth quarter of 2006.
2. Keep the value for the fourth quarter of 2006 unchanged.

What action should you perform to accomplish the tasks above?

A. You should have the code segment below added at line A:

```
Scope([Measures].[Quantity],[DimPrice].[Price].[Quarter]. [Q4  
2006]);This=[DimPrice].[Price].currentmember * 1.6;End Scope
```

B. You should have the code segment below added at line D:

```
Scope([Measures].[ProductQuantity],Descendants([DimPrice].[Price].[Quarter]. [Q4  
2006][DimPrice].[Price]. [Month]));This=[DimPrice].[Price].currentmember * 1.6;End Scope;
```

C. You should have the code segment below added at line A:

```
Scope([Measures].[ProductQuantity],Descendants([DimPrice].[Price].[Quarter]. [Q4  
2006][DimPrice].[Price]. [Month]));This=[DimPrice].[Price].currentmember * 1.6;End Scope;
```

D. You should have the code segment below added at line D:

```
Scope([Measures].[Quantity],[DimPrice].[Price].[Quarter]. [Q4  
2006]);This=[DimPrice].[Price].currentmember * 1.6;End Scope;
```

---

**Answer: B**

---

**Question: 148**

---

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008 Analysis Services (SSAS). To meet the business development, (SSAS) is used to create a data mining model and the Data Mining Extensions (DMX) code is used to create a mining structure.

The Data Mining Extensions (DMX) code is shown as the following:

Now you are assigned the following tasks:

Make sure that the Microsoft Decision Trees algorithm is used by the model. Have a mining model that can be processed by this mining structure created.

So of the following DMX statements, which one should be used to accomplish the tasks above?

- A. INSERT INTO [Decision Tree] ( [Customer Key], [Age], [Bike Buyer], [Commute Distance], [Yearly Income]) OPENQUERY([Bike Buyer], 'Select [Customer Key], [Age], [Bike Buyer], [Commute Distance],[Yearly Income]')
- B. SELECT \* INTO [Decision Tree]USING [Microsoft\_Decision\_Trees]FROM [Bike Buyer]
- C. CREATE MINING MODEL [Decision Tree] ( [Customer Key] LONG KEY, [Age] LONG DISCRETIZED (Automatic, 10), [Bike Buyer] LONG DISCRETE, [Commute Distance] TEXT DISCRETE, [Yearly Income] DOUBLE CONTINUOUS) USING Microsoft\_Decision\_Trees
- D. ALTER MINING STRUCTURE [Bike Buyer]ADD MINING MODEL [Decision Tree] ( [Customer Key], [Age], [Bike Buyer] PREDICT, [Commute Distance], [Yearly Income]) USING Microsoft\_Decision\_TreesWITH DRILLTHROUGH

---

**Answer: D**

---

**Question: 149**

---

You are creating a SQL Server 2008 Integration Services (SSIS) instance which utilizes a default connection manager to link to a component for Company.com. In order to provide authentication for your report, you develop an XML configuration file.

You increase the file to an XML configuration file. But you get error message that you could not login when you running the package.

You should make sure that you should run the package normally.

Which is the correct answer?

- A. You should change the XML configuration file.
- B. You should utilize direct XML settings.
- C. On the same server, you should execute the package as the component.
- D. You should utilize a Microsoft ADO.NET connection manager.

---

**Answer: A**

---

**Question: 150**

---

You are creating a SQL Server 2008 Integration Services (SSIS) project for Company.com.

Your project attributes are listed below: In order to develop a deployment manifest for packages in the project. Which is the correct answer?

- A. You should develop the Integration Services project.
- B. You should make the default property enable.
- C. You should reset every copy with a .config file extension.
- D. You should develop the Web Services project.

---

**Answer: A**

---

### **Question: 151**

---

You are creating a SQL Server 2008 Integration Services (SSIS) instance which is deployed to a production server for Company.com.

You should utilize local development environment to check it.

You should make sure that you should set the protection level for users when the user decides to run it.

Which is the correct answer?

- A. You should utilize EncryptPartWithPassword
- B. You should utilize EncryptSensitiveWithLoginName
- C. You should utilize SaveSensitive
- D. You should utilize EncryptAllWithUserKey

---

**Answer: D**

---

### **Question: 152**

---

You are managing a SQL Server 2008 server instance which is used for running SQL Server 2008 Integration Services (SSIS) packages for Company.com.

You should make sure that the server runs normally.

Which is the correct answer?

- A. You should configure the package protection level to AdministrativeRestriction.
- B. You should configure the package protection level to SaveSensitive.
- C. You should configure the package protection level to EncryptSensitiveWithPassword.
- D. You should configure the BlockedSignatureStates registry entry to Block unsafe and untrusted signs and unsigned instances.

---

**Answer: D**

---

Explanation:

#### **Signing Packages with Certificates**

A SQL Server 2005 Integration Services (SSIS) package can be signed with a certificate and configured to require the runtime to check the signature before loading the package. The properties of the package, CheckSignatureOnLoad and CertificateObject, indicate whether a certificate must be checked, and specify the certificate that was used to sign the package. The certificate used to sign the package must be enabled for code signing. Integration Services provides a registry value that you can use to manage an organization's policy for loading signed and unsigned packages. The registry value can also manage untrusted signatures of signed packages. With regard to the status of signatures used to sign packages, the BlockedSignatureStates registry value uses the following definitions:

A valid signature is one that can be read successfully.

An invalid signature is one for which the decrypted checksum (the one-way hash of the package code encrypted by a private key) does not match the decrypted checksum that is calculated as part of the process of loading Integration Services packages.

A trusted signature is one that is created by using a digital certificate signed by a Trusted Root Certification Authority. This setting does not require the signer to be found in the user's list of Trusted Publishers. An untrusted signature is one that cannot be verified as issued by a Trusted Root Certification Authority, or a signature that is not current. To use the registry value to prevent packages from loading if the packages are unsigned, or have invalid or untrusted signatures, you must add the BlockedSignatureStates DWORD value to the HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\MSDTS registry key and specify the value 0, 1, 2, or 3. The following table lists the valid values of the DWORD data and their associated policies.

---

### **Question: 153**

---

You are operating a SQL Server 2008 Reporting Services (SSRS) instance for Company.com.

You should add a role for this situation. In order to ensure the rights to the user to deploy reports and manage content in a private folder.

Which is the correct answer?

- A. You should add the user to the Administrator role
- B. You should add the user to the My Reports role.
- C. You should add the user to the Content role.
- D. You should add the user to the Browser roles.

---

**Answer: B**

---

---

### **Question: 154**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) report for Company.com.

The parameter called DislayValue you design for the report will display below (it has some properties)

Data Type:

StringPrompt:

Display Number

Available Values: queried with the following Label/Value pairs:  
oYes/10  
oNo/1

Default Values: Empty

You could operate the visibility of the column by the parameter.

You should use the proper expression to meet this situation.

Which is the correct answer?

- A. You should use the expression of =Iif(Parameters!rc: DislayValue.Value=10, True, True)"
- B. You should use the expression of =Iif(Parameters!rc: DislayValue.Value=10, False, False)"
- C. You should use the expression of "=Iif(Parameters! DislayValue.Value=0, False, True)"
- D. You should use the expression of =Iif(Parameters!rc: DislayValue.Value=10, False, True)"

---

**Answer: C**

---

Explanation:

IIf(expr, truepart, falsepart)

All three parameters are required:

expr is the expression that is to be evaluated.

truepart defines what the IIf function returns if the evaluation of expr returns true.

falsepart defines what the IIf function returns if the evaluation of expr returns false.

---

### **Question: 155**

---

You are deploying a SQL Server 2008 Reporting Services (SSRS) instance for Company.com.

You decide to publish SQL Server 2008 Reporting Services (SSRS) on a SQL Server 2008 failover cluster.

There is Internet Information Services (IIS) which is installed on the Network Load Balancing (NLB) cluster on both nodes of the cluster.

You should make sure that publish SSRS in a fault-tolerant scale-out deployment.

Which is the correct answer?

- A. Through utilizing separate ReportServer databases, you should include SSRS on both cluster nodes
- B. You should include SSRS on both cluster nodes to utilize the same ReportServer database.
- C. You should include SSIS on both cluster nodes to utilize the different ReportServer database.
- D. You should include SSAS on cluster nodes the SSRS service through utilizing the SQL Server resource group.

---

**Answer: B**

---

---

### **Question: 156**

---

You are managing a SQL Server 2008 Reporting Services (SSRS) database server for Company.com.

You find that it will cost so much time to run reports which include many execution snapshots in the instance.

You own a new production server together with SSRS fixed.

You should make sure that you could save time when you move the reports and their snapshots to the production server.

In order to solve the problem, which is the correct answer?

- A. You should utilize the default command.
- B. You should utilize the taskrun.exe command.
- C. You should publish the results through utilizing a Dynamic Management View (DMV)
- D. Before setting the server through utilizing the Reporting Services Configuration tool, you should transfer the Report Server databases to the production server.

---

**Answer: D**

---

---

### **Question: 157**

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You are developing SQL Server 2008 Reporting Services (SSRS) samples which include some reports which utilize stored credentials to get data from a SQL Server 2008 sample for Company.com.

There is the instance recovers and SSRS instance in a computer.

You should make sure that the reports could run normally. Which is the correct answer?

- A. You should delete the encryption keys and create new ones.
- B. You should recovery the encryption keys.
- C. You should change the encryption values.
- D. You should reset the encryption default values.

---

**Answer: B**

---

**Explanation:**

MCTS Self-Paced Training Kit (Exam 70-448) p. 579

EXAM TIP When faced with a system failure where you lose your SSRS instance and/or database, you will:

- \* first need to reinstall SSRS.
- \* After the installation is complete, you can optionally restore the latest backup of your report server catalog database (if it was also lost).
- \* After the service and catalog databases are in place,
- \* your final step is to restore the encryption key onto the newly installed instance of SSRS. This will enable the report server to be able to decrypt the catalog security, reports, and data sources.

---

**Question: 158**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) instance for Company.com.

There is a folder called Manager Reports in the report server.

The whole groups could operate reports in any folder.

You should make sure that the Managers could browser and change reports in the Management Reports folder and others could not.

Which is the correct answer?

- A. Before increasing the Managers group to the folder and operate the Content Manager role you should delete the whole groups from the Management Reports folder.
- B. You should develop a new Managers role instead of the old one.
- C. You should delete all groups from the Management Reports folder and create new ones.
- D. You should increase the Managers group to the root folder and operate the Content Manager role.

---

**Answer: A**

---

---

**Question: 159**

---

You are creating a SQL Server 2008 Reporting Services (SSRS) package which utilizes the "Runner! RunnerID" expression in a text box in the report footer for Company.com.

You should make sure that data-driven subscriptions run normally for this report.

Which is the correct answer?

- A. You should delete the expression from the report footer.
- B. You should modify the configurations of the report
- C. You should set the report to utilize store procedure.
- D. You should add the expression in the report footer as "Runner! RunnerID "

---

**Answer: A**

---

---

**Question: 160**

---

You are managing a SQL Server 2008 Reporting Services (SSRS) sample for Company.com.

A developer called Clerk published a lot of reports to the SSRS sample by accidents.

You should make sure that you should recovery the before status for the SSRS sample Which is the correct answer?

- A. You should recovery the tempdb database
- B. You should recovery the default database
- C. You should recovery the Report Server database

D. You should recovery the system database

---

**Answer: C**

---

### **Question: 161**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) report for Company.com.

You should create the report basing on the multidimensional data from a Microsoft SQL Server 2005 Analysis Services (SSAS) cube.

In order to create a Matrix report by using the [Change Count] measure in the Details field You should utilize the Report Wizard

Which is the correct answer?

- A. You should use the expression of `SELECT EMPTY { [Measures].[Change Number] } ON ROWS, DIMENSION PROPERTIES MEMBER_CAPTION { [Measures].[Change Count] } ON COLUMNS`
- B. You should use the expression of `SELECT NON EMPTY { [Measures].[Change Count] } ON COLUMNS, DIMENSION PROPERTIES MEMBER_CAPTION { [Measures].[Change Count] } ON ROWS`
- C. You should use the expression of `SELECT DIMENSION PROPERTIES MEMBER_CAPTION { [Measures].[Change Number] } ON ROWS`
- D. You should use the expression of `SELECT DIMENSION PROPERTIES MEMBER_CAPTION { [Measures].[Change Count] } ON COLUMNS`

---

**Answer: B**

---

### **Question: 162**

---

You are keeping a SQL Server 2008 Reporting Services (SSRS) sample for Company.com.

The report which searches the information source at random includes search variables that permits users to filter the contents of the report.

You are setting the report to be displayed from a report execution snapshot.

You should make sure that users could go on filtering the report through utilizing parameters.

Which is the correct answer?

- A. You should increase a fixed value to the whole parameters.
- B. You should change the datasets to through utilizing the Table Insert.
- C. Before utilizing the parameters to filter the datasets you should delete the filters from the dataset searches.
- D. You should utilize the stored procedures to filter the datasets of the report.

---

**Answer: C**

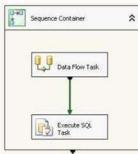
---

### **Question: 163**

---

You are operating a SQL Server 2008 Integration Services (SSIS) instance through Business Intelligence Development Studio.

Utilizing for Company.com, there is a common data flow component in the package which implements normally. You try to increase one sample of the common information flow component to the package. But the component could not show in the toolbox .



You should make sure that you should increase the common data flow component to the toolbox.  
Which is the correct answer?

- A. You should duplicate the assembly to the proper folder.
- B. You should increase the assembly to the default Assembly Cache.
- C. You should recompile the assembly through utilizing the SYSTEM32 utility.
- D. You should recompile the assembly through utilizing the Assembly Registration Tool

---

**Answer: A**

---

### **Question: 164**

---

You are creating a SQL Server 2008 Integration Services (SSIS) instance for Company.com. The package is listed below:

You should make sure that you create a parameter which includes important information that is only useful to the Data Flow Task and the Execute SQL Task and so on.  
Which is the correct answer?

- A. You should develop the parameter at the default scope.
- B. You should develop the parameter at the Control Flow Job scope.
- C. You should develop the parameter at the Running SQL Job scope.
- D. You should develop the parameter at the Sequence Container scope.

---

**Answer: D**

---

### **Question: 165**

---

You are creating a SQL Server 2008 Integration Services (SSIS) data flow which increases information from a source search to a result table for Company.com.

In order to increase those rows which could not include the destination table, which is the correct answer?  
(Select more than one)

- A. You should utilize the Data Conversion Transformation.
- B. You should utilize the Lookup transformation.
- C. You should utilize the Character Map Transformation.
- D. You should utilize the Merge Join transformation.
- E. You should utilize the Data Mining Query Transformation

F. You should utilize the Term Extraction Transformation

---

**Answer: B,D**

---

**Question: 166**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) project for Company.com.

Some object show below in the cube

- \* A time dimension named TimeDimension that has an attribute named TimeKiller.
- \* A fact table named FactOrdersTable.

Different hierarchies should be included in the Time dimension,

You should take method to do it

Which is the correct answer?

- A. You should design three dimension usage relationships between the Time dimension and the FactOrdersTable fact table.
- B. By defining a one-to-one relationship, you should design a single dimension usage relationship between the Time dimension and the FactOrdersTable fact table.
- C. By defining a regular relationship for both the dimension usages, you should design two dimension usage relationships between the Time dimension and the FactOrdersTable fact table
- D. By defining a many-to-many relationship for both the dimension usages, you should design two dimension usage relationships between the Time dimension and the FactOrdersTable fact table

---

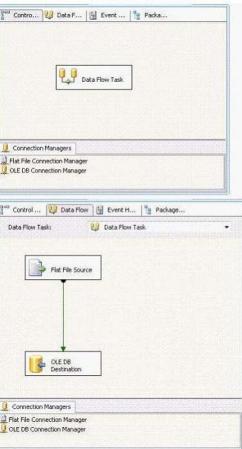
**Answer: C**

---

**Question: 167**

---

You are changing a SQL Server 2008 Integration Services (SSIS) instance which get information from a doc file and loads this information to a SQL Server 2008 table for Company.com. The information is listed below:



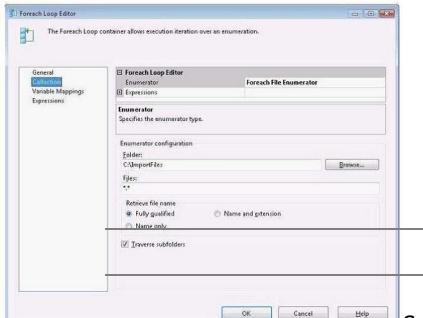
You should make sure that you could modify the instance to get data from many text files of the same directory. Which is the correct answer? (Select more than one)

- A. You should increase a parameter to the package.
- B. You should increase a parameter to the data flow task.
- C. You should increase a Foreach Loop container to the package.
- D. You should increase a While container to the package.
- E. You should increase some expressions to the Flat File Source component.
- F. You should increase an expression to the Flat File connection manager.

---

**Answer: A,C,F**

---



you are creating a SQL Server 2008 Integration Services (SSIS) instance which includes components listed below for Company.com.

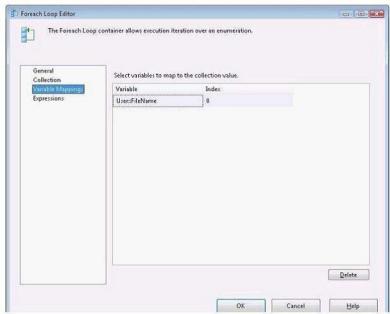
A String variable called FileTestName.

A String variable called DirectoryTestPath.

A Foreach Loop container for the Collection property is listed below:

A Foreach Loop container for the Variable Mappings property is listed below: In order to update the package so that the DirectoryTestPath variable gets the directory path for the file path reserved in the FileTestName variable.

Which is the correct answer? (Select two)



- A. You should configure the EvaluateAsExpression attribute of the User::DirectoryPath parameter to False.
- B. You should configure the EvaluateAsExpression attribute of the User::DirectoryPath parameter to True.
- C. You should increase a Script job to the OnPostExecute event handler of the Foreach Loop container.
- D. You should configure the Expression property of the User::DirectoryPath parameter to the following expression. SUBSTRING( @[User::FileName], 1, LEN( @[User::FileName] ) - FINDSTRING( REVERSE( @[User::FileName] ), "\\", 1 ) )
- E. You should configure the Expression property of the User::DirectoryPath parameter to the following expression. SUBSTRING( @[User::FileName], 10 LEN( @[User::FileName] ) - FINDSTRING( REVERSE( @[User::FileName] ), "\\", 0 ) )

---

**Answer: B,D**

---

### Question: 169

---

You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

There is a dimension called Product and a time dimension called TestTimer in your solution.

You own a fact table which includes a column called ProductBalance which includes the current account balance.

You should make sure that you develop a measure called Test ProductBalance from the TestBalance column to show the closing account balance for some times.

Which is the correct answer?

- A. You should configure the AggregationFunction property of ProductBalance to Total.

- B. You should configure the AggregationFunction property of ProductBalance to ByProduct.
- C. You should configure the AggregationFunction property of ProductBalance to LastNonEmpty.
- D. You should configure the AggregationFunction property of ProductBalance to FirstEmpty.

---

**Answer: C**

---

Explanation:

**EXAM TIP**

Development and Enterprise editions of SSAS provide several functions—such as LastChild, LastNonEmpty, and AverageOfChildren—that help you handle semiadditive measures. for example, LastNonEmpty will let you get the closing inventory balance for a given time period that is not empty. Although you can use custom MDX expressions to aggregate semiadditive measures, you will get better performance if you use these standard functions. for the complete list of standard aggregation functions, see the topic “Confi guring Measure Properties” in SQL Server 2008 Books online (see References).

---

### **Question: 170**

---

You are managing a SQL Server 2008 Reporting Services (SSRS) sample which includes some reports for Company.com. Through utilizing the Business Intelligence Development Studio (BIDS), you will publish a report project. You find out that the data sources are changed through the test data sources on the report. You should make sure that the existed reports are running normally when the report project is published soon. Which is the correct answer?

- A. You should modify properties of OverwriteDataSources
- B. You should modify properties of DataSourceFolder
- C. You should modify properties of ServerURL
- D. You should modify properties of ReportFolder

---

**Answer: A**

---

### **Question: 171**

---

You are running a SQL Server 2008 Analysis Services (SSAS) solution which contains data mining extensions (DMX) to search a data mining model for Company.com.

In order to search a Clerk Walker data mining model in a Decision Tree data mining structure, the codes are listed below:

```
11 SELECT  
12 [Decision Tree].[Clerk Walker] AS Buyer  
13 FROM  
14 [Decision Tree]  
15  
16 (SELECT 28 AS [Age],  
17 '2-5 Miles' AS [Commute Distance],  
18 '1' AS [House Owner Flag],  
19 1 AS [Number Cars Owned],  
20 2 AS [Total Children]) AS t
```

In the data mining structure, you should make sure that the input columns map to the columns. Which is the correct answer?

- A. You should utilize NATURAL PREDICTION JOIN

- B. You should utilize LEFT JOIN
- C. You should utilize OUTER JOIN
- D. You should utilize RIGHT JOIN

---

**Answer: A**

### **Question: 172**

---

You are developing a SQL Server 2008 Analysis Services (SSAS) solution for Company.com.

There is a key performance indicator (KPI) named PerKey in your solution.

You configure the Value expression of the KPI below.

[Measures].[Amount],[Account].[Accounts].[Operating Expenses]

/[Measures].[Amount],[Account].[Accounts].

[Gross Margin]

There is a time dimension called TestTime in your solution Multidimensional Expressions (MDX) statement are listed below

11 IIf(

12

13 ParallelPeriod

14 ( [TestTime].[Calendar].[Quarter],1,[ TestTime].[Calendar].CurrentMember

15 ), 2, -10 )

In order to configure a Trend expression of the KPI to show a difference in the values compared with the before quarter.In order to solve the problem, which is the correct answer?

- A. You should insert KPIValue( "GPMargin" ) > ( KPIValue( "GPMargin" ) at line 12,
- B. You should insert KPTrend( "GPMargin" ) <( KPIValue ( "GPMargin" ) at line 12,
- C. You should insert KPIStatus( "GPMargin" ) < ( KPIValue( "GPMargin" ) at line 12,
- D. You should insert KPIGoal( "GPMargin" ) => ( KPIValue( "GPMargin" ) at line 12,

---

**Answer: A**

### **Question: 173**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) project for Company.com.

You need to include a parent-child hierarchy for the dimension.

The child key feature is named CKUser and the parent key feature is named CKManager. As the root member you need to ensure that the top user is included.

As the root member, you should make sure that the topmost employee should be included.

Which is the correct answer?

- A. You should configure the IsAggregatable property of the Employee attribute to default.
- B. You should configure the IsNotAggregatable property of the Employee attribute to false.
- C. You should configure the IsNotAggregatable property of the Employees attribute to true.
- D. You should configure the IsAggregatable property of the Employees attribute to false.

---

**Answer: D**

Explanation:

IsAggregatable Specifies whether measures aggregate across the members of the attribute into an “all” level.

<http://technet.microsoft.com/en-us/library/ms174497.aspx>

Configuring the (All) Level for Attribute Hierarchies In Microsoft SQL Server Analysis Services, the (All) level is an optional, system-generated level. It

contains only one member whose value is the aggregation of the values of all members in the immediately subordinate level. This member is called the All member. It is a system-generated member that is not contained in the dimension table. Because the member in the (All) level is at the top of the hierarchy, the member's value is the consolidated aggregation of the values of all members in the hierarchy. The All member often serves as the default member of a hierarchy. The presence of an (All) level in an attribute hierarchy depends on the IsAggregatable property setting for the attribute and the presence of an (All) level in a user-defined hierarchy depends on the IsAggregatable property of the attribute at the top-most level of user-defined hierarchy. If the IsAggregatable property is set to True, an (All) level will exist. A hierarchy has no (All) level if the IsAggregatable property is set to False.

**Establishing the Topmost Level** If the IsAggregatable property is set to False on the source attribute of a level in a hierarchy, then no aggregatable level can appear in the hierarchy above that level. A non-aggregatable level must be the topmost level of any hierarchy or the IsAggregatable property of the source attributes for any levels above it must also be set to False.

**All Member and (All) Level** The single member of the (All) level is called the All member. The AttributeAllMemberName property on a dimension specifies the name of the All member for attributes in a dimension. The AllMemberName property on a hierarchy specifies the name of the All member for the hierarchy.

## **Question: 174**

---

You are developing a SQL Server 2008 Analysis Services (SSAS) solution which includes a time dimension called TestTime which includes a hierarchy called Year-By-Day for Company.com. You own a measure called Number from a measure group called MeasureTester. In the previous time period for the current level of the Yer-Bet-Day hierarchy, you should make sure that you develop a calculated member to show the Number measure. Which is the correct answer?

- A. You should utilize [Measures].[ Number],OPENINGPERIOD [TestTime].[Yer-Bet-Day].FirstSibling.Level))
- B. You should utilize ([Measures].[ Number],LASTPERIODS( 0,[TestTime].[Yer-Bet-Day].PrevMember))
- C. You should utilize ([Measures].[ Number],LASTPERIODS( 1,[TestTime].[Yer-Bet-Day].PrevMember))
- D. You should utilize ([Measures].[ Number],[ TestTime].[Yer-Bet-Day].NextSibling)

---

## **Answer: C**

---

**Explanation:**

LastPeriods (MDX)

SQL Server 2008 R2 Other Versions Returns a set of members up to and including a specified member.

Syntax LastPeriods(Index [ ,Member\_Expression ] )

Arguments Index - A valid numeric expression that specifies a number of periods.

Member\_Expression - A valid Multidimensional Expressions (MDX) expression that returns a member.

Remarks

If the specified number of periods is positive, the LastPeriods function returns a set of members that start with the member that lags Index - 1 from the specified member expression, and ends with the specified member.

The number of members returned by the function is equal to Index.

If the specified number of periods is negative, the LastPeriods function returns a set of members that start with the specified member and ends with the member that leads (- Index - 1) from the

specified member. The number of members returned by the function is equal to the absolute value of Index.

If the specified number of periods is zero, the LastPeriods function returns the empty set. This is unlike the Lag function, which returns the specified member if 0 is specified.

If a member is not specified, the LastPeriods function uses Time.CurrentMember. If no dimension is marked as a Time dimension, the function will parse and execute without an error, but will cause a cell error in the client application.

#### Examples

The following example returns the default measure value for the second third, and fourth fiscal quarters of fiscal year 2002.

```
SELECT LastPeriods(3,[Date].[Fiscal].[Fiscal Quarter].[Q4 FY 2002]) ON 0 FROM [Adventure Works]
```

#### Note

This example can also be written using the : (colon) operator:

```
[Date].[Fiscal].[Fiscal Quarter].[Q4 FY 2002]: [Date].[Fiscal].[Fiscal Quarter].[Q2 FY 2002]
```

The following example returns the default measure value for the first fiscal quarter of fiscal year 2002. Although the specified number of periods is three, only one can be returned because there are no earlier periods in the fiscal year.

```
SELECT LastPeriods (3,[Date].[Fiscal].[Fiscal Quarter].[Q1 FY 2002] ) ON 0 FROM [Adventure Works]
```

---

## Question: 175

---

You are developing a SQL Server 2008 Analysis Services (SSAS) solution which contains a data source view (DSV) which owns a table called Worker for Company.com.

There are some columns in the Worker below

- \* WorkerKey
- \* BossKey

The BossKey column references the manager of the Workers.

You should make sure that you should create the relationship between the workers and their boss in the DSV.

Which is the correct answer?

- A. You should develop a Calculation which utilizes WorkerKey and BossKey
- B. You should develop a View which utilizes a relationship with WorkerKey as the source column and BossKey as the destination column.
- C. You should develop a Query which utilizes a relationship with WorkerKey as the source column and BossKey as the destination column.
- D. through utilizing BossKey, you should develop a relationship as the source column and WorkerKey as the destination column.

---

**Answer: D**

---

---

## Question: 176

---

You are managing a SQL Server 2008 Analysis Services (SSAS) method which includes a dimension called TimeTester for Company.com.

There is a table called SalesTester which includes the two columns named OrderTester and ShipTester. they are connected with TimeTester.

You should make sure that you could get information by measures using the DimTime TimeTester.

Which is the correct answer?

- A. You should develop a one-to-many relationship between the TimeTester dimension and the OrderTester measure group.
- B. You should develop a many-to-one relationship between the ShipTester dimension and the SalesTester measure group.

Column Name	Description
OrderKey	Primary key for FactOrders
CustomerKey	Relates to the customer who places the order

- C. You should develop a many-to-many relationship between the TimeTester dimension and the ShipTester measure group.
- D. You should develop two common relationships between the TimeTester dimension and the SalesTester measure group. You should not utilize same columns of measure group.

---

**Answer: D**

---

### **Question: 177**

---

You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

There are some components in the method

A dimension called TestTime which includes a property called Year

A measure group called TestProduct that connects with the TestTime dimension

You should make sure that the designed on TestProduct contain the Year property.

Which is the correct answer?

- A. You should configure the AttributeHierarchyDisabled attribute.
- B. You should configure the IsNotAggregatable attribute.
- C. You should configure the AggregationUsage attribute.
- D. You should configure the Usage attribute.

---

**Answer: C**

---

### **Question: 178**

---

You are developing a SQL Server 2008 Analysis Services (SSAS) solution which contains a table called TestFact which includes two columns listed below for Company.com.

In order to develop a measure which gets the amount of customers who owns placed orders.

Which is the correct answer?

- A. You should configure the Usage attribute to Distinct count and the Source Column attribute to OrderKey.
- B. You should configure the Usage attribute to Sum count and the Source Column attribute to OrderKey.
- C. You should configure the Usage attribute to Distinct count and the Source Column attribute to CustomerKey.
- D. You should configure the Usage attribute to Sum count and the Source Column attribute to CustomerKey.

---

**Answer: C**

---

### **Question: 179**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) project for Company.com.

You develop a cube which utilized a dimension called DimEmployeeTest.

The dimension includes an attribute named EmployeeTest. You also host a Microsoft SQL Server 2008 Reporting Services (SSRS) project which includes a report on an employee.

You can browser the information. Which is the correct answer?

- A. You should develop a URL action on the EmployeeTest attribute.

- B. You should develop a DataSet action on the EmployeeTest attribute.
- C. You should develop a DataTable action on the DimEmployeeTest dimension.
- D. You should develop a ReWrite action on the DimEmployeeTest dimension.

---

**Answer: A**

---

### **Question: 180**

You are creating a SQL Server 2008 Reporting Services (SSRS) report which would show from a SQL Server 2005 Analysis Services database for Company.com.

You should make sure that the report shows member attributes and extended attributes. Which is the correct answer?

- A. You should utilize the Web Service.
- B. You should utilize the SQL Server Analysis Services data source.
- C. You should utilize the OLE DB for SQL Server data source.
- D. You should utilize the DBCC SHRINKFILE.

---

**Answer: B**

---

### **Question: 181**

You are developing a SQL Server 2008 Reporting Services (SSRS) sample for Company.com.

You decide to publish the report which would be moved on a common basis to a list of subscribers on a report server.

You should make sure that you develop a novel subscription on the report server.

Which is the correct answer?

- A. Before clicking the My Subscriptions button you should choose the developed report.
- B. Before clicking the My Subscriptions page you should choose the My Subscriptions page.
- C. Before clicking the Subscriptions tab you should choose the developed report and then click the New Data driven Subscription button.
- D. You should choose the developed report.

---

**Answer: C**

---

### **Question: 182**

You are developing a SQL Server 2008 Reporting Services (SSRS) solution for Company.com.

The codes in the report listed below:

```
Private Shared Function GetResultFromPar(ByVal TestValue As Double ) As Double
```

```
If IsNothing(TestValue) Then
```

```
Return NothingElseReturn InchValue * 3.15
```

```
End If
```

```
End Function
```

The above function will display error when you compile the codes.

You should make sure that conditions listed below are required:

\*The code segment compiles normally.

\*The GetResultFromPar function could be implemented from other reports.

Which is the correct answer?

- A. You should delete the ByVal keyword from the function definition.
- B. You should delete the Shared keyword from the function definition.
- C. You should create the function as protected Shared instead of Public Shared.
- D. Before declaring the function as Public Shared, you should develop a custom assembly through utilizing Microsoft Visual Basic .NET.

---

**Answer: D**

---

### **Question: 183**

You are developing a SQL Server 2008 Reporting Services (SSRS) instance which includes report header and report footer for Company.com.  
You get correct result when you preview the report.  
When the report is rendered as a Doc file, you find out that you get error message.  
In order to change the report to get error message, which is the correct answer?

- A. You should cut the whole width of the report.
- B. You should cut the page number of the report.
- C. You should cut the height of the report footer and header.
- D. You should modify the configurations of Printer.

---

**Answer: A**

---

### **Question: 184**

You are developing a SQL Server 2008 Reporting Services (SSRS) report for Company.com.  
You could show detailed information when the users changes the report.  
The requirements should be met listed below:  
\*When the users click a column header, only detailed information is showed.  
\*When the report is rendered at the beginning of it, summary information is showed.  
Which is the correct answer?

- A. Before configuring the hidden property to True you should includes detailed information on the column and then configure the Visibility can be toggled through another report item attribute to True
- B. Before configuring the hidden property to True you should includes detailed information on the column.
- C. On the column that contains detail information, set the hidden property to False. Set the Visibility can be toggled by another report item property to False.
- D. Before configuring the hidden property to True you should includes detailed information on the column and then configure the Visibility can be toggled through another report item attribute to False

---

**Answer: A**

---

### **Question: 185**

You are creating a SQL Server 2008 Reporting Services (SSRS) report which utilizes a Multidimensional Expressions (MDX) query including a parameter to show products information for various product categories for Company.com.  
The codes listed below:  
SELECT NON EMPTY {[Measures].[Reseller Sales-Order Quantity]} ON COLUMNS,

```
NON EMPTY {[Month].[Calendar Year].[Calendar Year].ALLMEMBERS * [Products].[Category].[Category].ALLMEMBERS ) } ON CHAPTERS  
FROM (SELECT (STRTOSET(@Category,CONSTRAINED)) ON COLUMNS FROM [Adventure Works Cube])
```

You find out that the search produces an error when running.

You should make sure that the query runs normally. Which is the correct answer?

- A. You should delete the NON EMPTY clauses.
- B. You should select the ROWS axis
- C. You should select the CHAPTERS axis
- D. You should select the SECTIONS axis

---

**Answer: B**

---

### **Question: 186**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) project for Company.com.

The fact table named FactOrderstest should be included in the project; the table contains columns named

\*Order Amount,

\*Country,

\*Order Date Key

"Select \* from FactOrderstest where [Order Date Key]>400 or Country='CHINA'" is created by the first partition for the fact table with the Source property the second partition for the fact table to make sure that accurate results is outputted when queried should be created.

Which is the correct answer?

- A. You should develop a partition with the Source property set to "Select \* from FactOrderstest where [Order Date Key]<= 400and Country<>' CHINA '".
- B. You should develop a partition with the Source property set to "Select \* from FactOrderstest where [Order Date Key]<= 400".
- C. You should develop a partition with the Source property set to "Select \* from FactOrderstest where Country<>'USA'".
- D. You should develop a partition with the Source property set to "Select \* from FactOrderstest where [Order Date Key]>=400and Country!= CHINA '".

---

**Answer: A**

---

### **Question: 187**

---

You are creating a SQL Server 2008 Integration Services (SSIS) data flow which gets information from two sources for Company.com.

You are in the process of creating a SQL Server 2008 Integration Services (SSIS) data flow.

Every source database is belongs to a different server and based on a SELECT statement which utilizes an ORDER BY clause.

The data flow is listed below:

You get error message below when you connect the paths from the two sources

"Data Flow Task: The input is not sorted.

The 'input "Merge Join Left Input" (80)' must be sorted."

You should make sure that data from every search is contained in every row in the data flow. In order to solve the

problem, which is the correct answer?

- A. You should increase a Lookup transformation for some data flows.
- B. You should increase a Lookup transformation for every data flow.
- C. You should refresh the sorting properties in each source component.
- D. You should choose a default transformation.

---

**Answer: C**

---

### **Question: 188**

You are creating a SQL Server 2008 Integration Services (SSIS) instance which contains a Data Flow task which reproduces some million rows for Company.com.

The data flow asks a match against a reference table which includes 50,000 rows including every row would be utilized during the data flow in the reference table.

You should make sure that the data flow runs least time.

Which is the correct answer?

- A. You should choose a Lookup transformation along with the half cache option
- B. You should choose a Lookup transformation along with the Full cache option
- C. You should choose a default Lookup transformation
- D. You should choose a Lookup transformation along with the Default cache option

---

**Answer: B**

Explanation:

EXAM TIP

When trying to determine which transformation to use that brings more than one data source together, remember that the Merge Join Transformation brings two sorted sources together and matching rows together with either an Inner Join, a full outer Join, or a Left outer Join. Merge Join can match more than one row across the join columns. This behavior is different from that of the Lookup Transformation, which brings back only a single match across the join columns of the Lookup table. The union All Transformation does not join rows together but rather brings each row separately from the sources, stacking the rows together. The number of rows in the output of union All is the combined row counts of all the inputs. The Merge Transformation is similar to union All, except that the sources have to be sorted and the sort position is preserved. You could also use a Lookup Transformation to associate data from two sources. The Lookup can cache a table in memory and, through matching columns, can return new columns to the data flow.

<http://msdn.microsoft.com/en-us/library/bb895289.aspx>

You can configure the Lookup transformation to use full cache mode and a Cache connection manager. In full cache mode, the reference dataset is loaded into cache before the Lookup transformation runs.

---

### **Question: 189**

You are creating a SQL Server 2008 Integration Services (SSIS) package for Company.com.

In order to specify the XML configuration during package development, you should apply the configuration to the deployed package.

Which is the correct answer?

- A. You should utilize the Publish utility.
- B. You should utilize the default command line utility.

- C. You should utilize the exec command line utility.
- D. You should utilize the DTEXEC command line utility.

---

**Answer: D**

---

### **Question: 190**

You are creating a SQL Server 2008 Integration Services (SSIS) instance which includes components below for Company.com.

- \*An OnError method
- \*A data flow job included in a For Loop container
- \*A Flat File result component which utilizes a Flat File connection controller.

You decide to log error information from an expression which contains the package version to a doc file when you get error message.

You should make sure that the information is written into the doc file.

Which is the correct answer?

- A. You should utilize the VersionGUID variable.
- B. You should utilize the GUID variable.
- C. You should utilize the TESTID variable.
- D. You should utilize the USERID variable.

---

**Answer: A**

---

### **Question: 191**

You are managing a SQL Server 2008 Reporting Services (SSRS) sample for Company.com.

The company network security type regarding the domain which masters the sample alterations.

You should make sure that the sample would help Kerberos authentication.

Which is the correct answer?

- A. You should change the RSReportServer.config file for authentication.
- B. Through using Microsoft SQL Server Management Studio (SSMS), you should change the Server Settings
- C. Through using Transactions Log, you should change the Site Settings of the instance.
- D. You should delete RSReportServer Configuration File

---

**Answer: A**

---

### **Question: 192**

You are managing a SQL Server 2008 Analysis Services (SSAS) instance for Company.com.

A data mining structure should be deployed which contains the Microsoft Clustering mining model.

From Scalable K-Means to Non-scalable K-Means

You should alter the attribute of the mining model.

Which is the correct answer?

- A. You should change MODELLING\_CARDINALITY
- B. You should change CLUSTERING\_METHOD
- C. You should change INDEXDEFRAG

D. You should change SHRINKFILE

---

**Answer: B**

---

### **Question: 193**

---

You are creating a SQL Server 2008 Integration Services (SSIS) instance which contains a Data Flow task for Company.com.

In order to change the package to write the whole rows that gets errors to a doc file.

Which is the correct answer? (Select more than one)

- A. For the doc file, you should utilize the SSRS log provider.
- B. For the SQL Provider, you should utilize the SSRS log provider.
- C. You should utilize a Flat File Destination component.
- D. You should utilize a text File Destination component.
- E. You should increase an Error output to the Data Flow component

---

**Answer: C,E**

---

### **Question: 194**

---

You are creating a SQL Server 2008 Integration Services (SSIS) data flow which moves information to a SQL Server 2008 database for Company.com.

You should make sure that data flow refreshes the existed data in the SQL Server database through utilizing data in your data flow.

Which is the correct answer?

- A. You should utilize Dynamic Management View (DMV)
- B. You should utilize OLE DB Destination
- C. You should utilize SQL Server Destination
- D. You should utilize Data Conversion Transformation

---

**Answer: C**

---

### **Question: 195**

---

You are developing a SQL Server 2008 Integration Services (SSIS) sample which includes some data flows for Company.com.

Not only you should control the data that passes by every path in the data flow through utilizing the Business Intelligence Development Studio., but also you should make sure that data flow logic is left.

Which is the correct answer?

- A. You should utilize the Data Viewer tool.
- B. You should utilize the Process Control tool.
- C. You should utilize the Audit Control tool.
- D. You should utilize Web Service.

---

**Answer: A**

---

---

### **Question: 196**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database which includes a cube for Company.com.

On a production server, you have increased new function to the cube.

You should make sure that you cost least time for publishing the new functions.

Which is the correct answer?

- A. You should utilize the Synchronize Database Wizard.
- B. Through utilizing a Dynamic Management View (DMV), you should change the Target Server attribute to the production server.
- C. Through utilizing Business Intelligence Development Studio (BIDS), you should change the Target Server attribute to the production server.
- D. Through utilizing a SQL Server 2008 Integration Services (SSIS) package, you should change the Target Server attribute to the production server.

---

**Answer: A**

---

---

### **Question: 197**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) sample which includes a database that is utilized through the members of the Shopping group for Company.com.

You set a new role named Southern Region through utilizing the "[{Product}. [Place]. [Place]. [Southern]}]" Permitted permission configuration.

You assign the Shopping group to the Southern Region role.

You should make sure that you could clarify that users could browser data in the Southern Place role.

Which is the correct answer?

- A. You should make Visual Totals check box enable
- B. You should increase the User Local Group = Southern Place; parameter to the connection string
- C. You should increase the Roles= Southern Place; parameter to the connection string
- D. You should increase the User ID = Southern Place; parameter to the connection string

---

**Answer: C**

---

Explanation:

[http://www.activeinterface.com/b2008\\_12\\_29.html](http://www.activeinterface.com/b2008_12_29.html)

---

### **Question: 198**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) project for Company.com.

In order to examine different data mining theories; you should alter the design of the data mining structure to test.

In the data mining model and the underlying case table, you increase the ordered content type columns you should make sure that Data Mining Viewer is the good for altering in the data mining structure and the data mining model technology.

Which is the correct answer?

- A. You should select ProcessFull
- B. You should select INDEXDEFRAG
- C. You should select SHRINKFILE
- D. You should select VIEWDELETE

---

**Answer: A**

---

**Question: 199**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database which includes a dimension called Product for Company.com.

You are updating a role called Tester for the Shopping Department.

For the Managers role, you decide to set the security later.

You should make sure that you permit the Managers role to operate data based on two or less workers.

Which is the correct answer?

- A. You should remove workers of the [Product].[ Products] hierarchy which include more than two children to the permitted configure for the Tester role.
- B. You should increase workers of the [Product].[ Products] hierarchy which include more than two children to the permitted configure for the Tester role.
- C. You should add expression below: [ Products].CurrentMember,,LEAVES).Count <= 2
- D. You should add expression below: [ Products].CurrentMember,,LEAVES).Count <= 2, [Product].[ Products].CurrentMember, 0)

---

**Answer: C**

---

**Question: 200**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.

Through utilizing a Dynamic Management View (DMV), you decide to troubleshoot query performance you should make sure that you could improve query sessions times.

In order to solve the problem, which is the correct answer?

- A. You should utilize Discover\_Log for DMV.
- B. You should utilize Discover\_Link for DMV.
- C. You should utilize Discover\_Commands for DMV.
- D. You should utilize Discover\_request for DMV.

---

**Answer: C**

---

**Question: 201**

---

You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.

Among the cubes, you are developing a new measure group.

You own a program which keeps partitions on the production copy of the cube.

You should make sure that you could get the cube definition on the production server when you should not overwrite any existed partitions.

Which is the correct answer?

- A. You should utilize the Deployment Wizard together with the proper selection.
- B. You should utilize a SQL Server 2008 Integration Services (SSIS) package and configure the processing selection to Do Process.
- C. You should utilize the Analysis Services Destination component in Microsoft SQL Server Integration Services (SSIS).

D. You should utilize the DBCC SHRINKFILE and configure the processing selection to Do Process.

---

**Answer: A**

---

### **Question: 202**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) report for Company.com.

The source of the SSRS report data is a Transact-SQL stored procedure.

The procedure does not have any input parameters and returns all records in a set of tables.

Three other applications that run on Microsoft SQL Server also use the stored procedure.

You need to limit the amount of data that is displayed on the report without affecting any other applications that use the stored procedure.

What should you do?

- A. You should run the Database Engine Tuning Advisor tool in the database.
- B. You should create a dataset filter and include the appropriate limiting expression.
- C. You should create a Report Parameter dialog box and include the appropriate limiting expression.
- D. You should add an expression to the Visibility property and include the appropriate limiting expression.

---

**Answer: B**

---

### **Question: 203**

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You are developing a SQL Server 2008 Analysis Services (SSAS) instance for Company.com.

You should make sure that you could set the analysis services search log for the SSAS sample.

Which is the correct answer?

- A. You should utilize a SQL Server 2008 Integration Services (SSIS)
- B. You should utilize SQL Server Management Studio.
- C. You should utilize Transactions Log Tool
- D. You should utilize Web Service Tool

---

**Answer: B**

---

### **Question: 204**

---

You are managing a SQL Server Analysis Services (SSAS) database which is set through utilizing security roles and operated through a Microsoft ASP.NET application which does not located in local computer for Company.com.

You should utilize Windows Authentication for the application.

Not only you should make sure that the application users access the SSASdatabase normally but also you should make sure that roles' security restrictions are permitted.

Which is the correct answer?

- A. You should set Kerberos authentication for it.
- B. You should set HTTP configurations.
- C. You should configure Web Services for HTTP authentication.
- D. You should make Security\Authentication attribute false

---

**Answer: A**

---

---

### **Question: 205**

---

You are using the technology of Business Intelligence Development Studio (BIDS) project for data mining structure. You want to change the settings on the Chart tab.  
What will the result be?

- A. The trends in the lift chart will keep the same and the trends in the profit chart will show.
- B. The trends in the lift chart will keep the same but the trends in the profit chart will modify.
- C. The trends in the lift chart will keep the same but the trends in the profit chart will change.
- D. The trends in the lift chart will not remain the same but the trends in the profit chart will update.

---

**Answer: C**

---

---

### **Question: 206**

---

You are developing SQL Server 2008 Analysis Services (SSAS) database sample for Company.com. In order to write down the Analysis Services performance information, when the database is operated you should gather information connected with the temporary file usage.  
Which is the correct answer?

- A. You should utilize MSAS 2008: store procedure
- B. You should utilize MSAS 2008: Transactions Log
- C. You should utilize MSAS 2008: Proc Aggregations
- D. You should utilize MSAS 2008: Memory

---

**Answer: C**

---

Explanation:

http://www.ssas-info.com/analysis-services-articles/58-ssas-2008/1113-analysis-services-2008-performance-counters  
 MSAS 2008:Proc Aggregations Current partitions Current number of partitions being processed.  
 MSAS 2008:Proc Aggregations Total partitions Total number of partitions processed (successfully or otherwise).  
 MSAS 2008:Proc Aggregations Memory size rows Size of current aggregations in memory. This count is an estimate.  
 MSAS 2008:Proc Aggregations Memory size bytes Size of current aggregations in memory. This count is an estimate.  
 MSAS 2008:Proc Aggregations Rows merged/sec Rate of rows merged or inserted into an aggregation.  
 MSAS 2008:Proc Aggregations Rows created/sec Rate of aggregation rows created.  
 MSAS 2008:Proc Aggregations Temp file rows written/sec Rate of writing rows to a temporary file. Temporary files are written when aggregations exceed memory limits.  
 MSAS 2008:Proc Aggregations Temp file bytes written/sec Rate of writing bytes to a temporary file. Temporary files are written when aggregations exceed memory limits.  
<http://ms-olap.blogspot.com/2009/04/performance-counters-for-ssas-2008.html>  
 Performance Counters for SSAS 2008  
 Aggregations  
 If your cubes rely on aggregations it might be interesting to know if they can be held in memory or if they are written to a temporary file. So you might also want to look at the following aggregation counters:

Object	Counter	Description
MSAS 2008:Proc Aggregations	Temp File Bytes Writes/sec	Usage of temporary file
MSAS 2008:Proc Aggregations	Current partitions	Current number of partitions being processed.
MSAS 2008:Proc Aggregations	Memory size bytes	Size of current aggregations in memory. This count is an estimate.
MSAS 2008:Proc Aggregations	Temp file bytes written/sec	Rate of writing bytes to a temporary file. Temporary files are written when aggregations exceed memory limits.

## Question: 207

You are developing a SQL Server 2008 Reporting Services (SSRS) method for Company.com. There is a report which includes one dataset and a query parameter in this solution. From the Report Manager; you should make sure that the report runs without user interaction. Which is the correct answer?

- A. You should utilize the snapshot execution to set the report
- B. You should set useful data for the parameter from the datatable.
- C. You should set the default value for the parameter which is base on an expression.
- D. When the parameter is updated you should set the parameter data to update.

---

**Answer: C**

---

## Question: 208

You are creating a SQL Server 2008 Reporting Services (SSRS) report which includes a table for Company. com. You should make sure that you permit users to open a new report when they click on a field in a table through utilizing a technology. Which is the correct answer?

- A. You should utilize the technology of Tablix Content Region
- B. You should utilize the technology of report
- C. You should utilize the technology of Drillthrough action
- D. You should utilize the technology of Sorting

---

**Answer: C**

---

**Question: 209**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) report which includes a table for Company. com. You should make sure that different rows in the table own a yellow background. Which is the correct answer?

- A. =iif(RowNumber(Nothing) / 2, "Yellow", "Black")
- B. =iif(RowNumber(Nothing) Mod 2, "Yellow", "White")
- C. =iif(RowNumber(NULL) Divide 2, "Yellow", "White")
- D. =iif(CountRows(NULL)/2, "Yellow", " Black ")

---

**Answer: B**

---

Explanation:

IIf(expr, truepart, falsepart)

All three parameters are required:

expr is the expression that is to be evaluated.

truepart defines what the IIf function returns if the evaluation of expr returns true.

falsepart defines what the IIf function returns if the evaluation of expr returns false.

The MOD function can be used to divide numbers in Excel. Unlike regular division, however, the MOD function only gives you the remainder as an answer.

The syntax for the MOD function is:

= MOD ( Number , Divisor )

**Question: 210**

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You are managing a Microsoft SQL Server 2008 Reporting Services (SSRS) instance for Company.com.

You need to assign a group of users a predefined security role that permits them to read all the report definitions.

Which is the correct answer?

- A. You should set Transactions technology
- B. You should set Web Service technology
- C. You should set Log technology
- D. You should set Content Manager

---

**Answer: D**

---

Explanation:

<http://msdn.microsoft.com/en-us/library/ms157363.aspx>

Content Manager Role Includes all item-level tasks. Users who are assigned to this role have full permission to manage report server content, including the ability to grant permissions to other users, and to define the folder structure for storing reports and other items.

**Question: 211**

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You are developing a SQL Server 2008 Reporting Services (SSRS) report which includes a table and a matrix which utilize the dataset that searches data through running a stored procedure for Company.com.

You should make sure that which is showed in the table while ensuring that the matrix is running normally.  
Which is the correct answer?

- A. You should increase a filter to the dataset and table.
- B. You should delete a filter to the matrix.
- C. You should increase a filter to the table.
- D. You should modify the configurations of SQL Server 2008 Reporting Services (SSRS) report

---

**Answer: C**

---

### **Question: 212**

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You are developing a SQL Server 2008 Reporting Services (SSRS) instance for Company.com.  
You use the SSRS Report Wizard to develop the report which is based on a Microsoft SQL Server 2008 Analysis Services (SSAS) dataset.  
The dataset is composed of a one measure called Total Sales, and two dimension attributes called Store Name and Month.  
You should pull the Total Sales measure to a report section to display a table with values for Total Sales for every month. Which is the correct answer?

- A. You should Rows
- B. You should Page
- C. You should Details
- D. You should Columns

---

**Answer: C**

---

### **Question: 213**

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You are developing a SQL Server 2008 Reporting Services (SSRS) report which utilizes a Table data region and includes a dataset which owns a column called TestName for Company.com.  
You should make sure that the report items are grouped through the first character in the TestName column.  
Which is the correct answer?

- A. You should utilize =First(Fields.FirstName)
- B. You should utilize =Fields!FirstName.Value
- C. You should utilize =Fields! FirstName.Value.Substring(1,2)
- D. You should utilize =Fields!LastName.Value.Substring(0,1)

---

**Answer: D**

---

Explanation:

<http://msdn.microsoft.com/en-us/library/bb630426.aspx>  
Group by the first letter of the last name. =Fields!LastName.Value.Substring(0,1)

### **Question: 214**

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You are creating a SQL Server 2008 Reporting Services (SSRS) report which would be contained in the application which is distributed to remote users who own no access to the server for Company.com.

You should make sure that the application produces the report normally. Which is the correct answer?

- A. You should utilize the ReportViewer control together with the LocalReport property.
- B. You should utilize the LocalReport control.
- C. You should utilize the SQL Server 2008 Integration Services (SSIS).
- D. You should utilize the store procedure.

---

**Answer: A**

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### **Question: 215**

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You are creating a SQL Server 2008 Reporting Services (SSRS) instance which includes a parameter called Type that is utilized to filter some products for Company.com.

You could utilize a dataset to include query listed below:

```
SELECT Item.ProductID, Item.Name, Item.ListPrice  
FROM Production. Product AS Item
```

```
WHERE Item.Category = @ Type;
```

You should change the parameter to permit values. You should make sure that you could change the report to help search for Type values through utilizing fewer effort.

Which is the correct answer?

- A. You should change the search to utilize the store procedure
- B. You should change the search to utilize the left join.
- C. You should change the search to utilize the IN operator.
- D. You should change the search to utilize the inner join.

---

**Answer: C**

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### **Question: 216**

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You are creating a SQL Server 2008 Reporting Services (SSRS) package which includes a parameter named @ProductID for Company.com.

Through choosing a specific region you should configure the value of the @ ProductID parameter in the report.

You should make sure that you set the report to prevent users from changing the value of the @ ProductID parameter.

Which is the correct answer?

- A. You should set the Prompt value null.
- B. You should modify the Hidden property.
- C. You should configure the internal property.
- D. You should update the biggest values.

---

**Answer: C**

Explanation:

Report parameters are defined globally for the report. Report parameters are created automatically if the report query includes parameters, or they can be created manually. After a report parameter is created, you must set properties that identify it and that control how it is used in the report. Report parameters are automatically created for query parameters when a dataset query is saved, or you can create a report parameter manually. After you create a report parameter, you may need to adjust the default values for report parameter properties to get the functionality

you want. For example, you may need to change the data type, create a dataset to provide an available values list, create a dataset to for default values, or set whether the values can be blank or null. Hidden and Internal Parameters You can set options that control parameter visibility in the published report. Setting the Hidden and Internal options provides different levels of visibility. You can hide the parameter on the parameter input area of the published report, yet set values for it on a report URL or in a subscription definition. If you set a parameter to Internal, it is not exposed in any way except in the report definition. An internal parameter must have a default value, which can be null if the Allow null value option has been selected.

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### **Question: 217**

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You are managing a SQL Server 2008 Analysis Services (SSAS) instance for Company.com.

There is a cube in an SSAS instance.

Because the queries operate not as fast as usual, you should affirm which queries run slowly and change the storage setting of the cube.

Which is the correct answer?

- A. You should run the Cube Storage Wizard to analyze and design aggregations.
- B. You should run the Usage-Based Optimization Wizard to analyze and design aggregations.
- C. You should use SQL Profiler to examine the execution plans to analyze and design aggregations.
- D. You should modify the Data Source Impersonation Info property of the Analysis Services database.

---

### **Answer: B**

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Explanation:

Defining Aggregations with the Usage-Based Optimization Wizard Recall from Chapter 7, “Managing SSAS Storage, Processing, and Deployment,” that you can speed up query response times tremendously by designing useful aggregations. An aggregation contains the summarized values of all measures in a measure group by a combination of different attributes. At design time, you can use the Aggregation Design Wizard to define aggregations based on your dimensional design and data statistics. After the cube is in production and representative query statistics are available, you should consider running the Usage-Based Optimization Wizard to fine-tune the aggregation design based on the actual queries submitted to the server. The Usage-Based Optimization Wizard uses the same cost/benefit algorithm as the Aggregation Design Wizard, but it also performs an additional ranking of the aggregation candidates in the query log. Before running the Usage-Based Optimization Wizard, you need to enable and populate the query log.

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### **Question: 218**

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You are creating a SQL Server 2008 Integration Services (SSIS) package which is created through utilizing local development environment for Company.com. You get data by package which inserts it in the PROD database on the local SQL Server 2008 instance from a remote server. You publish it to the MSDB database on the production server. Not only should you make users who belong to a proper database role change and run the deployed package. But also you should make sure that these users could not access other packages which are published to the server. Which is the correct answer?

- A. You should allot the users to the db\_system role.
- B. You should allot the users to the db\_owner role.
- C. You should allot the users to a common database role in the default database.
- D. You should allot the users to a common database role in the MSDB database.

---

### **Answer: D**

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### **Question: 219**

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You are creating a SQL Server 2008 Integration Services (SSIS) package for Company.com.  
You decide to utilize SQL Server 2008 Integration Services (SSIS) on a SQL Server 2008 failover cluster.  
You own a complex package which costs too much time  
You should make sure that the package could be restored if the package runs during a failover.  
Which is the correct answer?

- A. Before restarting the package whenever a failover happening you should run store procedure in your package.
- B. You should increase the SSIS service to the SQL Server cluster resource group.
- C. Before restarting the package whenever a failover happening you should run checkpoints in your package.
- D. Before restarting the package whenever a failover happens you should run transactions in your package.

---

**Answer: C**

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### **Question: 220**

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You are creating a SQL Server 2008 Integration Services (SSIS) package which reserves packages in a SQL Server 2008 sample for Company.com.  
You should make sure that you publish the package of an example of SSIS to another SSIS example which reserves its packages in a common directory.  
Which is the correct answer?

- A. You should run the command of dtutil for the package.
- B. You should run the command of dtrun for the package.
- C. You should run the command of dtexeall for the package.
- D. You should run the default command for the package.

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**Answer: A**

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### **Question: 221**

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You are creating a SQL Server 2008 Integration Services (SSIS) instance for Company.com.  
The package displays job listed below:  
- You should operate multiple files through utilizing a For Each Loop container.  
- You should get the files' content to a table through utilizing a Data Flow task.  
- Through utilizing an Execute SQL task, you should Log the results of the state into a table  
- You should make sure that the Execute SQL task only could not run in one transaction.  
Which is the correct answer? (Select more than one)

- A. You should set the TransactionOption property to RequiredNew in the package.
- B. You should set the TransactionOption property to Supported in the package.
- C. You should set the TransactionOption property to Required in the package.
- D. You should set the TransactionOption property to None in the package.
- E. You should set the TransactionOption property to NotSupported in the Execute SQL task.
- F. You should set the TransactionOption property to Supported in the Execute SQL task.

---

**Answer: C,E**

---

**Explanation:**

To enable a transaction within a package, you need to set the TransactionOption property of the task or container to Required. Figure 2-1 highlights the properties of a package at the control flow level, which means that the properties apply to the package as a whole. The Transaction Option property is the same on any control flow object.

When deciding whether and how to implement a transaction, follow these guidelines:

- For transactions to be enabled in SSIS, you need to start the MSDTC service, and the tasks that you want to be part of the transaction must work with the MSDTC service natively.
- If a series of tasks must be completed as a single unit in which either all the tasks are successful and committed or an error occurs and none of the tasks are committed, place the tasks within a Sequence Container and then set the TransactionOption property of the container to Required.
- A task can inherit the transaction setting of its parent when the TransactionOption property is set to Supported, which is the default setting when creating a task or container.
- You can prevent a task from participating in a transaction by setting its TransactionOption property to NotSupported.
- If you set the TransactionOption property of a Foreach Loop Container or For Loop Container to Required, a new transaction will be created for each loop of the container.
- Transactions work at the control flow level and not within a data flow. Therefore, you can turn on a transaction for a Data Flow Task, but you cannot turn it on separately for selected components within the data flow; either the entire data process will be successful or it will be rolled back.

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**Question: 222**

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You are creating a SQL Server 2008 Integration Services (SSIS) package for Company.com.

The package should contain a Data Flow task with a Fuzzy Grouping transformation that creates data.

You should browser the output data of the Fuzzy Grouping transformation to debug the package.

Which is the correct answer?

- A. You should increase a Data Viewer object to the Data Flow task for constraints on the Fuzzy Grouping transformation.
- B. You should increase a DBCC SHRINKFILE to the Data Flow task for constraints on the Fuzzy Grouping transformation.
- C. You should increase a web service to the Data Flow task for constraints on the Fuzzy Grouping transformation.
- D. You should increase a Transactions log to the Data Flow task for constraints on the Fuzzy Grouping transformation.

---

**Answer: A**

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**Explanation:**

**Fuzzy Grouping**

Associates column values with a set of rows based on similarity, for data cleansing.

SSIS Designer runs the package and provides detailed visual feedback about the pipeline.

Depending on the size of the reference data, you may notice a delay while the error-tolerant index (ETI) is built. The ETI is the main data structure that Fuzzy Lookup uses at run time.

After the ETI is built, all the input rows are processed and the results are written to the destination.

**SSIS**

Designer gives you feedback about the progress of the pipeline by displaying the number of rows processed by each component. You can also place a Data Viewer on the pipeline by right-clicking the path between Fuzzy Lookup and the OLE DB destination. This allows you to visualize in realtime which rows Fuzzy Lookup has matched to your input rows. In addition to matching tuples, Fuzzy Lookup outputs a record-level similarity, individual column-level similarities, and a confidence score for each match result. For more information about these scores, see Interpreting the Results later in this paper.

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**Question: 223**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. To meet the business development'a SQL Server 2008 Analysis Services (SSAS) solution is created. Then a dimension named DimClient is created with the three attributes of Client, Age and Name. Of the three attributes, the Client is the key. There is a measure group named Production with the Granularity property set to Age and DimClient is related to this group. Now you receive an e-mail from your company CIO, according to his requirement, you should make sure that measure values can be retrieved based on the Age and Name attributes. To achieve this goal, what action should you perform?

- A. First the source attribute should be set to Age and the related attribute should be set to Client, and then the source attribute should be set to Name and the related attribute should be set to Client
- B. First the source attribute should be set to Name and the related attribute should be set to Client, and then the source attribute should be set to Age and the related attribute should be set to Client
- C. First the source attribute should be set to Client and the related attribute should be set to Age, and then the source attribute should be set to Age and the related attribute should be set to Name.
- D. First the source attribute should be set to Age and the related attribute should be set to Client, and then the source attribute should be set to Name and the related attribute should be set to Age
- E. First the source attribute should be set to Client and the related attribute should be set to Age, and then the source attribute should be set to Client and the related attribute should be set to Name

---

**Answer: C**

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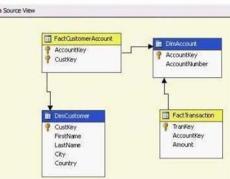
Explanation:

p .213

To create a new attribute relationship, follow these steps:

1. In the Attributes pane, right-click the source attribute that is on the “one” side of the relationship, and then select New Attribute Relationship.
2. Configure the relationship by using the Create Attribute Relationship dialog box

Make sure that the Name drop-down list below Source Attribute shows the attribute that is on the “many” side of the



relationship and that the Name drop-down list below Related Attribute shows the attribute on the “one” side of the relationship. Use the Relationship Type drop-down list to specify a Flexible or Rigid relationship type. You can also create a new relationship in the Dimension Designer by dragging the source attribute onto the related attribute in the Diagram pane.  
To delete an attribute relationship, select the relationship in the Attribute Relationships pane (or click the arrow connector in the Diagram pane) and then press Delete,

### Question: 224

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008.

2008 Analysis Services (SSAS) solution is created.

You also create a dimension named DimCustomer.

Following is the cube structure: (Click the Exhibit button.)

Now you get an order from your company CIO, according to his requirement, you should make sure that you can aggregate the Amount measure for the DimCustomer dimension.

What action should you perform to achieve that goal?

A. A many-to-many relationship should be created between FactTransaction and DimCustomer.

Besides,

FactCustomerAccount should be set as an intermediate measure group.

B. A many-to-many relationship should be created between FactCustomerAccount and DimCustomer. Besides, FactTransaction should be set as an intermediate measure group

C. A regular relationship should be created between FactCustomerAccount and DimCustomer.

Besides,

FactTransaction should be set as an intermediate measure group

D. A regular relationship should be created between FactTransaction and DimCustomer

E. A referenced relationship should be created between FactCustomerAccount and DimCustomer.

Besides,

DimAccount should be set as an intermediate dimension.

---

**Answer: A**

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### **Question: 225**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008 Analysis Services (SSAS) solution. You have a table named Bills with three columns contained. They are respectively Shipper, BillKey and BillQuantity. To meet the business development, a dimension named DimBills and a measure group named TruthBills are created from the Bills table. Besides, the BillKey is set as a key column and the Shipper is set as an attribute column. According to the order of the CIO, a dimension relationship between the BillQuantity column and the Shipper column should be created to make sure that the Shipper column is able to aggregate BillQuantity column. What action below should be performed to achieve this goal?

- A. A regular dimension relationship should be created between the DimBills dimension and the TruthBills measure group.
- B. The relationship between the TruthBills measure group and DimBills dimension should be set to No Relationship.
- C. A Truth dimension relationship should be created between the TruthBills measure group and DimBills dimension
- D. A regular dimension relationship should be created between the DimBills dimension and the TruthBills measure group. Besides, the Granularity attribute to Shipper and the measure group columns should be set to BillQuantity.
- E. A regular dimension relationship should be created between the DimBills dimension and the TruthBills measure group. Besides, the Granularity attribute to BillKey and the measure group columns should be set to BillQuantity

---

**Answer: C**

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### **Question: 226**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008 Analysis Services (SSAS).

To meet the business development, you create a (SSAS) solution and enable proactive caching for a partition. Now you get an order from your company CIO, according to his requirement, while updating the multidimensional storage, you should make sure that you can use SSAS to query relational data.

What action below should be performed?

- A. To achieve this goal, the OnlineMode property for the partition should be set to OnCacheComplete
- B. To achieve this goal, the ProcessingMode property for the partition should be set to LazyAggregations.
- C. To achieve this goal, the OnlineMode property for the partition should be set to Immediate.
- D. To achieve this goal, the ProcessingMode property for the partition should be set to Regular

---

**Answer: C**

---

Explanation:

ProcessingMode

Defines the place in the cube processing at which data becomes available to users. By default, ProcessingMode is set to Regular, and users cannot access the measure group until processing is complete. If ProcessingMode is set to LazyAggregations, data is accessible as soon as it is processed, but processing takes longer.

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### **Question: 227**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions

by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008.

To meet the business development, you create a SQL Server 2008 Analysis Services (SSAS) solution, which has a hierarchy named Season in a Time dimension named Dimtime.

The attributes of Spring level, Summer level, Autumn level and Winter level are contained in the Season hierarchy.

Now you are assigned a task to create a named set to refer to the first season of the year 2008.

What action should you perform to accomplish this task?

- A. You should write ParallelPeriod([DimTime].[Spr-Sum-Aut].[Spr], 1, [DimTime].[Spr-Sum-Aut].[Aut].[ Spring 2008]) for the named set.
- B. You should write ParallelPeriod ([DimTime].[Spr-Sum-Aut].[Aut], 1, [DimTime].[Spr-Sum-Aut].[Aut].[ Spring 2008]) for the named set
- C. You should write PeriodsToDate([DimTime].[Spr-Sum-Aut].[Spr], [DimTime].[Spr-Sum Aut].[Aut].[Spring 2008]) for the named set
- D. You should write PeriodsToDate([DimTime].[Spr-Sum-Aut].[Aut], [DimTime].[Spr-Sum-Aut].[Aut].[Spring 2008]) for the named set.

---

### **Answer: C**

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Explanation:

,msdn <http://msdn.microsoft.com/en-us/library/ms144925.aspx>

PeriodsToDate (MDX)

SQL Server 2008 R2 Other Versions

Returns a set of sibling members from the same level as a given member, starting with the first sibling and ending with the given member, as constrained by a specified level in the Time dimension.

Syntax PeriodsToDate( [ Level\_Expression [ ,Member\_Expression ] ] )

Arguments

Level\_Expression - A valid Multidimensional Expressions (MDX) expression that returns a level.

Member\_Expression - A valid Multidimensional Expressions (MDX) expression that returns a member.

Remarks

Within the scope of the specified level, the PeriodsToDate function returns the set of periods on the same level as the specified member, starting with the first period and ending with specified member.

\* If a level is specified, the current member of the hierarchy is inferred hierarchy.CurrentMember, where hierarchy is the hierarchy of the specified level.

\* If neither a level nor a member is specified, the level is the parent level of the current member of the first hierarchy on the first dimension of type Time in the measure group.

PeriodsToDate( Level\_Expression, Member\_Expression ) is functionally equivalent to the following MDX expression:

TopCount(Descendants(Ancestor(Member\_Expression, Level\_Expression),

Member\_Expression.Level), 1):

Member\_Expression

---

### **Question: 228**

---

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008.

You work as the technical support. Now you are in charge of a SQL Server 2008 Analysis Services (SSAS) database.

A Product dimension is contained in the database. The dimension contains two attributes both of which have a Rigid relationship type.

The two attributes are the Category attribute and Subcategory attribute.

The relationship between the Category and Subcategory values is changed by the data source for the Product

dimension.

Now in order to make the dimension successfully reflect the change, you have to execute an XML for Analysis (XMLA) command to process the dimension to perform this.

What action should you perform?

- A. In order to achieve this goal, the ProcessIndexes command should be used
- B. In order to achieve this goal, the ProcessAdd command should be used
- C. In order to achieve this goal, the ProcessClear and the ProcessDefault commands should be used.
- D. In order to achieve this goal, the ProcessUpdate command should be used

---

**Answer: C**

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Explanation:

ProcessFull ProcessFull applies to all objects. It discards the storage contents of the object and rebuilds them. ProcessFull is recursively applied to all descendants of the object as well.

ProcessClear ProcessClear applies to all objects. It discards the storage contents of the object.

ProcessClear is recursively applied to all descendants of the object as well.

ProcessDefault ProcessDefault applies to all objects. It does the bare minimum required to bring the object to a fully processed state. In other words, it builds only the storage contents that are not currently built. For example, if a partition has fact and aggregation data, then ProcessDefault will only build the bitmap indexes. The only exception to the above rule is bindings. When you change the bindings of an object (e.g., KeyColumns of a dimension attribute), the object retains its data, but remembers that the bindings have changed. ProcessDefault on the object will discard all the storage contents and rebuild them. The server handles ProcessDefault by analyzing the object and dynamically converting it to another processing option such as ProcessFull, ProcessIndexes, etc. ProcessDefault is recursively applied to all descendants of the object as well. ProcessData applies only to the OLAP objects, i.e. dimension, cube, measure group and partition. It discards the storage contents of the object and rebuilds only the "data". For dimensions, it builds only the attribute and hierarchy stores. For partitions, it builds only the fact data. Essentially ProcessData builds the bare minimum required for the object to be available for queries. Indexes are considered optional and affect only the query performance. ProcessData is recursively applied to all descendants of the object as well. ProcessIndexes applies only to the OLAP objects, i.e., dimension, cube, measure group, and partition. It requires that the object must already have its "data" built; otherwise, it raises an error. ProcessIndexes preserves the data and rebuilds the "indexes". For dimensions, it builds the bitmap indexes. For partitions, it builds the aggregation data and bitmap indexes. ProcessIndexes is recursively applied to all descendants of the object as well. ProcessUpdate applies only to dimensions. It is the equivalent of incremental dimension processing in Analysis Services 2000. It sends SQL queries to read the entire dimension table and applies the changes— member updates, additions, deletions. Since ProcessUpdate reads the entire dimension table, it begs the question, "How is it different from ProcessFull?" The difference is that ProcessUpdate does not discard the dimension storage contents. It applies the changes in a "smart" manner that preserves the fact data in dependent partitions. ProcessFull, on the other hand, does an implicit ProcessClear on all dependent partitions. ProcessUpdate is inherently slower than ProcessFull since it is doing additional work to apply the changes. Depending on the nature of the changes in the dimension table, ProcessUpdate can affect dependent partitions. If only new members were added, then the partitions are not affected. But if members were deleted or if member relationships changed (e.g., a Customer moved from Redmond to Seattle), then some of the aggregation data and bitmap indexes on the partitions are dropped. The cube is still available for queries, albeit with lower performance. ProcessAdd applies only to dimensions and partitions. ProcessAdd is a new processing option for dimensions that did not exist in Analysis Services 2000. It essentially optimizes ProcessUpdate for the scenario where only new members are added. ProcessAdd never deletes or updates existing members. It only adds new members. The user can restrict the dimension table so that ProcessAdd reads only the new rows. ProcessAdd for partitions is the equivalent of incremental partition processing in Analysis Services 2000. The user typically specifies an alternate fact table or a filter condition pointing to the new rows. ProcessAdd internally creates a temporary partition, processes it with the specified fact data, and merges it into the target partition. See the Out of Line Bindings section for details on how to specify the new rows for ProcessAdd. ProcessStructure applies only to cubes and mining

Processing Option	Database	Dimension	Cube	Measure Group	Partition	Mining Structure
ProcessFull	X	X	X	X	X	
ProcessClear	X	X	X		X	X
ProcessDefault	X	X	X		X	
ProcessData		X	X	X		
ProcessIndirect		X	X	X		
ProcessUpdate		X			X	
ProcessAdd		X			X	
ProcessStructure			X			X
ProcessScriptCache		X				
ProcessClearStructureOnly			X			

structures. ProcessStructure for cubes is the equivalent of the Analysis Services 2000 processing option, processBuildStructure, in DSO. It discards the storage contents of the cube and its partitions. It implicitly does a ProcessDefault on all dimensions of the cube and marks the cube as processed. At this point, the cube is available to queries but it will not return any fact data. This is supported mostly for backward-compatibility reasons. It was useful in Analysis Services 2000 for parallel processing utilities. Once the "structure" of a cube is processed, its partitions can be processed in parallel by multiple client sessions without running into locking conflicts. ProcessStructure on a mining structure discards its storage contents (training data) and rebuilds them. It does not affect the contents of the mining models under the mining structure. ProcessScriptCache ProcessScriptCache applies only to cubes. The MDX script in a cube can contain CACHE statements. ProcessScriptCache evaluates the script and persists the results for the CACHE statements. ProcessClearStructureOnly ProcessClearStructureOnly applies only mining structures. It clears the storage contents (training data) of the mining structure while preserving the contents of its mining models.

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### Question: 229

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008 Analysis Services (SSAS) solution. To meet the business development, a dimension named DimSales is created with an Amount attribute, and then it is used in a cube structure. Now you are assigned a task to make sure that aggregations have no relationship with the Amount attribute. What action should you perform to accomplish this task?

- A. The MembersWithData property of the Amount attribute should be set to False to accomplish this task.
- B. The IsAggregatable property of the Amount attribute should be set to False to accomplish this task.
- C. The AttributeHierarchyEnabled property of the Amount attribute should be set to False to accomplish this task.
- D. The MembersWithData property of the Amount attribute should be set to NonLeafDataHidden to accomplish this task
- E. The GroupingBehavior property of the Amount attribute should be set to DiscourageGrouping to accomplish this task.

---

**Answer: C**

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### Question: 230

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as the technical support for the company which uses SQL Server2008. To meet the business development, you use SQL Server 2008 to create a SQL Server 2008 Integration Services (SSIS) package. You have a Research server named SQL\_RES01 and a

Sales server named SQL\_SAL01. SQL\_RES01 is not connected to SQL\_SAL01 in the network. Then you have the SSIS package configured on the SQL\_SAL01 server, however, you get a failure of the configuration, which is because the SQL\_RES01 server can not be connected by the package. In order to solve that problem, the package should be modified to refer to the SQL\_SAL01 server when you execute the configuration.

Which solution would be chosen to solve that problem?

- A. After selecting the Connection Manager check box, you should modify the connection string on the Connection Managers tab of the Execute Package utility
- B. Use the ServerStorage package protection level to modify the properties of the package.
- C. After modifying the deployment manifest file in Microsoft Notepad, you should modify the properties of the package
- D. Use the DontSaveSensitive package protection level to modify the properties of the package.
- E. After modifying the deployment manifest file in Microsoft Notepad, you should modify the connection string manually.

---

**Answer: A**

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### **Question: 231**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and you are in charge of a SQL Server 2008

Integration Services (SSIS) instance.

The SSIS instance has the packages stored in a SQL Server 2008 instance while another SSIS instance had its packages stored in a shared directory.

According to the order of your manager, you need to deploy the package from the SSIS instance to another SSIS instance.

In order to achieve this goal, which command should be executed?

- A. The dtexecui command should be executed
- B. The dtswiza command should be executed
- C. The dtutil command should be executed
- D. The Dtexec command should be executed

---

**Answer: C**

---

Explanation:

Manual package deployment You can move your SSIS packages to a destination folder by copying them manually, by using a source-control tool that handles file deployment, or by creating a script or an application that handles the deployment. If you store your package in SQL Server, you can either use the DTUtil command-line utility that comes with SSIS to deploy your packages to SQL Server or manually import them through SSMS. Using DTExecUI to Configure Package Execution The command-line executable file DTExec is a fully featured utility with broad parameterization capabilities. You can generate the command line manually by applying the command parameters to meet the execution circumstance, but to save time and avoid errors, you can use the command-line builder utility named DTExecUI. DTExecUI is a visual tool that naturally groups the command parameter options. The server on which you run DTExecUI must have SSIS installed. To open DTExecUI, type DTExecUI either from a command prompt or by choosing Start and then Run to open the Run dialog box. You can open the tool from the Run dialog box or from the command prompt without specifying the path. To use DTExecUI, follow these steps:

1. Open the Execute Package Utility by executing DTExecUI either by choosing Start and then Run, and entering DTE

xecUI in the Run dialog box, or through a command prompt.

2. On the General property page, select the package for execution so that you can modify a property on the other pages. In the Package Source drop-down list, select File System, SSIS Package Store, or SQL Server, depending on where your package is located.
3. After identifying the package location, select the specific package for execution. If your package is stored in SQL Server or the SSIS Package Store, you need to specify the connection details to the SQL Server 2008 server by providing the server name. SQL Server also requires you to either provide a user name and password or specify Windows Authentication. All location choices require that you specify the package in the Package box by clicking the ellipsis button to the right of the Package box.
4. Next you need to specify how the package should be executed by configuring other package execution properties. Selecting the various property pages on the left from Configurations down through Verification will let you override settings such as connections, logging, and outputs. Table 4-3 describes the execution configuration options.

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### **Question: 232**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Integration Services (SSIS) for the company. To meet the business requirements, SSIS should be used on a SQL Server 2008 failover cluster. There is a complex package on your server and it needs a long time to start it. Now your manager asks you to make sure that the package can be resumed when it fails to execute the failover. What action should you perform?

- A. First you should have checkpoints implemented within your package, and then restart the package whenever a failover occurs
- B. First you should have transactions implemented within your package, and then restart the package whenever a failover occurs.
- C. First you should cluster the SSIS service, and then restart the package whenever a failover occurs
- D. First you should cluster the SSIS service, and then have the SSIS service added to its own cluster resource group
- E. First you should cluster the SSIS service, and then have the SSIS service added to the SQL Server cluster resource group.

---

### **Answer: A**

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**Explanation:**

**EXAM TIP**

When you are running a package on a server node of a Windows cluster environment and the node fails, the restartability rules apply. You can turn on checkpoints in your packages and have the checkpoint file created on a share so that if the package needs to be restarted, it can locate and use the checkpoint file.

Simply put, there are two ways to configure the SSIS service in a clustered environment:

\* installing the ssis service independent from the cluster resources You can install the SSIS components on all nodes of the cluster, and by default, they will not be part of any cluster resource group. The service will be started on all nodes, and you can run packages from any node in the cluster. If all your packages are stored on a network share that is not part of the package store, no further configuration is needed. If you want to centralize all your packages in SQL Server, you need to change the MsDtsSrvr.ini.xml file. Change the <

ServerName> element to reference a specific server and instance; if the SQL Server is in the cluster, use the virtual server name and instance. Last, change this file on all the nodes so that you can connect to the SSIS service on any machine and see the same packages.

\* integrating the ssis service in a cluster group You can add the SSIS service as a cluster resource, a process detailed in the “Configuring Integration Services in a Cluster Environment” white paper mentioned earlier. If you want to store packages in the package store, you would choose this approach because the shared service would be running on only one node at a time and you could reference the virtual name of the server. The service would need to point to a

shared MsDtsSrvr.ini.xml file on a shared drive in the same cluster resource group as the service. This requires a registry change, which is also documented. The package store location also must be on the shared drive in the same cluster resource group.

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### **Question: 233**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Integration Services (SSIS) for the company. To meet the business requirement, you use the SSIS to develop a package and use your local development environment to test the package. Then the package is deployed to the file system in the production environment. After the deployment, the users notice that the package contains no connection strings, which means the package gets a failure of the deployment. Now you are assigned a task to make sure that the package can be viewed and executed by changing the protection level of the package. So of the protection levels of the package, which one would be used?

- A. EncryptAllWithPassword level would be used
- B. ServerStorage level would be used
- C. ServerChange level would be used
- D. DontSaveSensitive level would be used
- E. EncryptAllWithUserKey level would be used

---

**Answer: A**

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### **Question: 234**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) for the company.

To meet the business requirement, you develop a SSRS report with a parameter named @ProductPriceRangeID. Then you select a specific region to set the value of @ProductPriceRangeID in the report.

In order to stop modifying the value of @ProductPriceRangeID, you have to configure the report.

So of the methods below, which one would be used to configure the report?

- A. Set the Internal property to configure the report
- B. Remove the default values to configure the report
- C. Clear the Hidden property to configure the report
- D. Clear the Prompt value to configure the report.
- E. Set the Hidden property to configure the report

---

**Answer: A**

---

**Explanation:**

Report parameters are defined globally for the report. Report parameters are created automatically if the report query includes parameters, or they can be created manually. After a report parameter is created, you must set properties that identify it and that control how it is used in the report. Report parameters are automatically created for query parameters when a dataset query is saved, or you can create a report parameter manually. After you create a report parameter, you may need to adjust the default values for report parameter properties to get the functionality you want. For example, you may need to change the data type, create a dataset to provide an available values list, create a dataset to for default values, or set whether the values can be blank or null. Hidden and Internal Parameters

You can set options that control parameter visibility in the published report. Setting the Hidden and Internal options provides different levels of visibility. You can hide the parameter on the parameter input area of the published report, yet set values for it on a report URL or in a subscription definition. If you set a parameter to Internal, it is not exposed in any way except in the report definition. An internal parameter must have a default value, which can be null if the Allow null value option has been selected.

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### **Question: 235**

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) report for the company.

A parameter named Kind is contained in your developed report and you use it to filter a list of Sales.

Besides, the list uses a dataset, which includes the queries of SELECT p.SalesID, p.Place, p.ListName, FROM SalesAmount.Sales AS p

WHERE p.Kind = @Kind.

To meet the business requirements, the report parameter is modified to allow multiple values.

Now you are asked to modify the report to help search for multiple Kind values and minimize the development effort. What action should be performed to achieve the goal above?

- A. The query should be modified by using the IN operator instead of the = operator
- B. The query should be implemented in a stored procedure that uses dynamic SQL for execution
- C. The query should be modified in a table-valued user-defined function.
- D. The query should be implemented in a view
- E. The query should be implemented in a table-valued user-defined function.

---

**Answer: A**

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### **Question: 236**

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now you are in charge of a SQL Server 2008 Analysis Services (SSAS) instance.

Now you get an e-mail from your company CIO, in the e-mail he wants you to run the Usage-Based Optimization Wizard.

You have to enable query logging. What action should you perform?

- A. The QueryLogSampling server property should be set to 10
- B. The LogDir server property should be set to a valid path.
- C. The QueryLogConnectionString server property should be set to a valid connection string.
- D. The AllowedBrowsingFolders server property should be set to include the folder from the LogDir setting.

---

**Answer: C**

Explanation:

PROPERTY	DESCRIPTION
CreateQueryLogTable	When set to True and if the server account has sufficient privileges, the server will create the log table if it does not already exist.
QueryLogConnectionString	A valid connection string to a SQL Server database; the query log is disabled if this property is empty.
QueryLogSampling	The frequency for query sampling. By default, every tenth query is logged.
QueryLogTableName	The name of the table in a SQL Server database that will capture the query statistics. The default table name is OlapQueryLog.

After you set the QueryLogConnectionString property, the server will attempt to establish a connection by using the connection string you specified in the QueryLogConnectionString property. If the connection fails, the SSAS service ignores the error. Monitor the Windows event log for error messages if no queries are logged in the query log. EXAM TIP you want to run the usage-Based optimization Wizard to produce an aggregation design based on the actual server usage. you have a SQL Server database named SSAS\_Logging. you want to configure the server properties to save every fifth query to a table named QueryLog inside the SSAS\_Logging database. Which server properties do you need to change? you need to change all of the four Log\QueryLog properties. Set the Log\QueryLog\CreateLogTable property to True so that the server can create the table. Set Log\QueryLog\QueryLogConnectionString property to specify a valid connection string to the SSAS\_Logging database. Change the Log\QueryLog\QueryLogSampling property to 5 to sample every fifth query. Last, change the Log\QueryLog\QueryLogTablename property to QueryLog.

### Question: 237

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) for the company. You use SSRS to design a report. A Windows Forms application is distributed to remote users and it contains the report, but the report server cannot be accessed by these remote users. Now you are asked to make sure that the report can be rendered by the application correctly. Of the following methods, which one would be used to accomplish this task?

- A. The ReportViewer control should be used along with the RenderStream property
- B. The ReportViewer control should be used along with the LocalReport property
- C. The ReportViewer control should be used along with the RemoteReport property
- D. The Render method of the Reporting Services Simple Object Access Protocol (SOAP) API should be used.
- E. The RenderStream method of the Reporting Services Simple Object Access Protocol (SOAP) API should be Used

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**Answer: B**

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### Question: 238

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008. Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) for the company. You use SSRS to design a report with a dataset contained and a Table data region used. Besides, a column named FirstPicture is contained in the dataset. Now you

get an order from your company CIO, according to his requirement, you need to make sure that the second character in the FirstPicture column makes group for the report items. Which option below would be chosen?

- A. =Second(Fields!FirstPicture.Value) in the Group properties dialog box should be used
- B. =Fields!FirstPicture.Value.Substring(0,1) in the Group properties dialog box should be used
- C. =Second(Fields!FirstPicture) in the Group properties dialog box should be used.
- D. =Fields!FirstPicture.Value in the Group properties dialog box should be used

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**Answer: B**

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### **Question: 239**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) for the company.

You use SSRS to create a report with a table contained.

Besides, the table contains alternate columns.

Now you get an order from your company CIO, according to his requirement, you have to make sure the alternate columns have a light blue background.

So of the following code segments, which one would be used for each text box?

- A. =iif(CountColumns() / 2, " lightblue ", "White") would be used for each text box.
- B. =iif(CountColumns() Mod 2, " lightblue ", "White") would be used for each text box
- C. =iif(ColumnNumber(Nothing) / 2, " lightblue ", "White") would be used for each text box
- D. =iif(ColumnNumber(Nothing) Mod 2, " lightblue ", "White") would be used for each text box.

---

**Answer: D**

---

Explanation:

IIf(expr, truepart, falsepart)

All three parameters are required:

expr is the expression that is to be evaluated.

truepart defines what the IIf function returns if the evaluation of expr returns true.

falsepart defines what the IIf function returns if the evaluation of expr returns false.

The MOD function can be used to divide numbers in Excel. Unlike regular division, however, the

MOD function only gives you the remainder as an answer.

The syntax for the MOD function is:

= MOD ( Number , Divisor )

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### **Question: 240**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) for the company.

To meet the business requirements, you use SSRS to develop a production report with a table contained.

Now you get an order from your company CIO, according to his requirement, when users click on a field in the table, a SSRS technology should be executed to open a new report for them.

Which SSRS technology should be used to achieve this goal?

- A. Tablix Data Region should be used to achieve this goal
- B. Drillthrough action should be used to achieve this goal
- C. Interactive Sorting should be used to achieve this goal
- D. Interactive report Data should be used to achieve this goal
- E. Subreport should be used to achieve this goal

---

**Answer: B**

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### **Question: 241**

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) solution for the company. Then you add a report with a query parameter and a single dataset to the solution.

Now you get an order from your company CIO, according to his requirement, you need to make sure that the report can be executed with no user interaction from the Report Manager.

What action should you perform to achieve this goal?

- A. From the dataset, you should have available values configured for the parameter.
- B. You should have the default value configured for the parameter based on an expression
- C. You should have the parameter data configured to refresh whenever the parameter is refreshed.
- D. You should have the default value configured for the report.
- E. You should use snapshot execution to configure the report.

---

**Answer: B**

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### **Question: 242**

You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Reporting Services (SSRS) solution for the company.

You use the solution to create a report, and then write the code segment in the report that is shown as the following:

```
Private Shared Function GetMFromMeters(ByVal MetersPrice As Decimal) As Decimal If
```

```
IsNothing  
(MetersPrice) Then  
Return Nothing  
Else  
Return MetersPrice * 1.78  
End If  
End Function
```

However, when you compile code segment, you will get errors.

Now you get an order from your company CIO, according to his requirement, not only you should get the call of the GetMFromMeters function from other reports, but also you should have the code segment compiled without any errors.

So what action should be performed to accomplish the tasks above?

- A. The function should be declared from Private Shared to Public Shared

MSAS 2008:Proc Aggregations	Current partitions	Current number of partitions being processed.
MSAS 2008:Proc Aggregations	Total partitions	Total number of partitions processed
MSAS 2008:Proc Aggregations	Memory size rows	Size of current aggregations in memory. This
MSAS 2008:Proc Aggregations	Memory size bytes	Size of current aggregations in memory. This
MSAS 2008:Proc Aggregations	Rows merged/sec	Rate of rows merged or inserted into an aggregation.
MSAS 2008:Proc Aggregations	Rows created/sec	Rate of aggregation rows created.
MSAS 2008:Proc Aggregations	Temp file rows written/sec	Rate of writing rows to a temporary file.
Temporary files are written when aggregations exceed memory limits.		
MSAS 2008:Proc Aggregations	Temp file bytes written/sec	Rate of writing bytes to a temporary file.
Temporary files are written when aggregations exceed memory limits.		

function declared as Public Shared

- C. The Public keyword should be removed from the function definition
- D. The Private keyword should be removed from the function definition
- E. The Shared keyword should be removed from the function definition

to create a custom assembly and then have the

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**Answer: B**

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## Question: 243

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Analysis Services (SSRS) for the company.

You are in charge of a SSAS database that is contained on a default instance.

According to your plan, the Analysis Services performance information will be documented by the computer.

In order to achieve this goal, information related to the temporary file usage should be collected at the time of processing the database.

So of the following objects, which one object should be used?

- A. MSAS 2008: Proc Aggregations would be used to achieve this goal
- B. MSAS 2008: Storage Engine Query would be used to achieve this goal
- C. MSAS 2008: Memory would be used to achieve this goal
- D. MSAS 2008: Cache would be used to achieve this goal

---

**Answer: A**

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Explanation:

<http://www.ssas-info.com/analysis-services-articles/58-ssas-2008/1113-analysis-services-2008-performancecounters>

## Question: 244

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and work as a developer of a SQL Server 2008 Analysis Services (SSRS) for the company.

You are in charge of a SSAS database that is configured with the use of multiple security roles.

There is a Microsoft ASP.NET application running on a remote computer.

Then in order access the database, Windows Authentication is used to configure the application. Now you get an order from your company CIO, according to his requirement, you have to make sure that the SSAS database can be accessed successfully by the users of the application. Besides, you have to make sure that you apply security restrictions of the roles on SSAS. So what action should you perform to achieve that goal?

- A. You should have the Security\RequireClientAuthentication property set to True
- B. You should have Securityproperty configured for HTTP authentication
- C. You should have Kerberos authentication configured on the Analysis Services
- D. You should have Analysis Services configured for HTTP authentication
- E. You should have the AnonymousConnectionsEnabled policy set to True

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**Answer: C**

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### **Question: 245**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and you are in charge of a SQL Server 2008 Analysis Services (SSRS) instance for the company.

Now you are assigned a task to have the analysis services query log configured for the SSAS instance. Which tool below would be used to accomplish this task?

- A. SQL Server Business Intelligence Development Studio would be used to accomplish this task
- B. SQL Server Business Intelligence Management Studio would be used to accomplish this task
- C. SQL Server Configuration Manager would be used to accomplish this task
- D. SQL Server Management Studio would be used to accomplish this task
- E. SQL Server Error and Usage Reporting would be used to accomplish this task

---

**Answer: D**

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### **Question: 246**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008, and you are in charge of a SQL Server 2008 Analysis Services (SSAS) database.

A Duplicate Key error occurs when you process the Analysis Services database.

As the technical support, you have to solve this problem. In order to make the error condition be reported and continue processing, the ErrorConfiguration property has to be modified.

So which object should be modified?

- A. The measure group should be modified
- B. The dimension should be modified
- C. The cube should be modified.
- D. The partition should be modified

---

**Answer: B**

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### **Question: 247**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and you are in charge of a SQL Server 2008 Analysis Services (SSRS) database for the company.

To meet the business requirements, a new measure group is created in one of the cubes.

A program with partitions maintained is on the production copy of the cube.

Now you get an order from the CIO that you should have the cube definition updated on the production server, besides, you should not rewrite any existing partitions.

So what action should you perform to achieve that goal?

- A. The Business Intelligence Development Studio (BIDS) should be used and the processing option should be set to Do Not Process
- B. The Analysis Wizard should be used along with the appropriate options
- C. The Deployment Wizard should be used along with the appropriate options
- D. An UPDATE CUBE statement should be executed in Microsoft SQL Server Management Studio (SSMS)
- E. The Analysis Services Destination component should be used in Microsoft SQL Server Integration Services (SSIS)

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**Answer: C**

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### **Question: 248**

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You are a database developer and you have about two years experience in creating business intelligence (BI) solutions by using SQL Server2008.

Now you are employed in a company which is named NaproStar and you are in charge of a SQL Server 2008 Analysis Services (SSRS) instance for the company.

According to your plan, a Dynamic Management View (DMV) will be used to troubleshoot query performance.

Now you get an order from your manager, according to his requirements, query sessions that execute a query for more than 30,000 ms should be identified.

So of the following DMV, which one would be used?

- A. Discover\_Sessions would be used
- B. Discover\_Commands would be used
- C. Discover\_Connections would be used
- D. Discover\_Traces would be used
- E. Discover\_Wizard would be used

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**Answer: B**

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### **Question: 249**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. There are two servers in your company.

One is a production server and another one is a development server.

Now you're in charge of a SQL Server 2008 Analysis Services (SSAS) database on a production server.

The database has a cube. New functionality has been added to the cube on a development server.

Now you receive an order from your company CIO, according to the requirement of the CIO, the new functionality has

to be deployed from the development server to the production server.  
You have to accomplish this task and reduce the effect on the users to the least. So what action should you perform?

- A. In order to accomplish this task, you should copy the appropriate files from the development server to the production server
- B. In order to accomplish this task, the Synchronize Database Wizard should be used.
- C. In order to accomplish this task, using Business Intelligence Development Studio (BIDS), modify the Target Server property to the production server. Then deploy the solution
- D. In order to accomplish this task, first the production database should be detached. Second, you should copy the appropriate files to the production server; at last you should attach the database on the production server.

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**Answer: B**

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Explanation:

p . 287

Using the Synchronize Database Wizard

Synchronizing two SSAS databases is a common management task. For example, you might need to process a cube once on a dedicated staging server and then deploy it to loadbalanced production servers. The traditional way to synchronize databases is to back up and restore the SSAS database, but this requires several steps and might take longer than you want. Instead, consider simplifying this task by using the Synchronize Database Wizard. Understanding Database Synchronization The output of the Synchronize Database Wizard is a single XMLA command named Synchronize. You need to send this command to the target server whose objects need to be updated. When the target server receives the Synchronize command, it forwards the command to the specified source server so that the target server can acquire a read lock on the source database. Next, the target server obtains a list of source database metadata and data files. Having received the files, the target server releases the read lock on the source database because the target server can complete the remaining tasks on its own. The target server compares the source files against the state of the target database and identifies the differences. Last, the target server applies the metadata and data differences to the target database to make it identical to its source counterpart. IMPORTANT setting up security Because copying the database metadata and data is a sensitive task, the Windows account under which the target SSAS server runs must have administrative rights to the source database. When you connect to the source server in SSMS, you connect under your identity. However, the target server executes the Synchronize command under its service account. If this is the Local System Windows account, the command will fail. To avoid this, configure the target SSAS server to run under a domain account and grant that account administrative rights to the source database. EXAM TIP Suppose that you have a farm of production servers and you need to deploy the latest changes to each server. You want to avoid processing the SSAS database on each production server because each cube would take very long to process. Instead, you decide to process the cube on a staging server and then synchronize each production server with the staging server. The Synchronize Database Wizard is designed specifically to handle this deployment model.

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**Question: 250**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. The package includes several data flows. Now you receive an e-mail from your company CIO, according to his requirement, you have to make use of the Business Intelligence Development Studio to monitor the data that passes through each path in the data flow. Besides this, the company CIO also wants the data flow logic is retained. You have to achieve this goal. So what action should you perform?

- A. In order to accomplish the task, the Audit transformation should be used
- B. In order to accomplish the task, the Data Viewer tool should be used
- C. In order to accomplish the task, you should use breakpoints in the Script component

D. In order to accomplish the task, the Data Profiling task should be used

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**Answer: B**

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### **Question: 251**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you get an order from your company CIO, you're asked to develop a SQL Server 2008 Integration Services (SSIS) data flow. The data flow loads data to a SQL Server 2008 database. Using data from the rows in your data flow, you must make sure that the existing records in the SQL Server database is updated by the data flow. Of the following data flow components, which one should be used?

- A. SQL Server Destination should be used
- B. OLE DB Destination should be used
- C. OLE DB Command Transformation should be used
- D. Data Conversion Transformation should be used.

---

**Answer: C**

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Explanation:

Msdn OLE DB Command Transformation

The OLE DB Command transformation runs an SQL statement for each row in a data flow. For example, you can run an SQL statement that inserts, updates, or deletes rows in a database table.

You can configure the OLE DB Command Transformation in the following ways:

- \* Provide the SQL statement that the transformation runs for each row.
- \* Specify the number of seconds before the SQL statement times out.
- \* Specify the default code page.

Typically, the SQL statement includes parameters. The parameter values are stored in external columns in the transformation input, and mapping an input column to an external column maps an input column to a parameter. For example, to locate rows in the DimProduct table by the value in their ProductKey column and then delete them, you can map the external column named Param\_0 to the input column named ProductKey, and then run the SQL statement DELETE FROM DimProduct WHERE ProductKey = ?. The OLE DB Command transformation provides the parameter names and you cannot modify them. The parameter names are Param\_0, Param\_1, and so on. If you configure the OLE DB Command transformation by using the Advanced Editor dialog box, the parameters in the SQL statement may be mapped automatically to external columns in the transformation input, and the characteristics of each parameter defined, by clicking the Refresh button. However, if the OLE DB provider that the OLE DB Command transformation uses does not support deriving parameter information from the parameter, you must configure the external columns manually. This means that you must add a column for each parameter to the external input to the transformation, update the column names to use names like Param\_0, specify the value of the DBParamInfoFlags property, and map the input columns that contain parameter values to the external columns. The value of DBParamInfoFlags represents the characteristics of the parameter. For example, the value 1 specifies that the parameter is an input parameter, and the value 65 specifies that the parameter is an input parameter and may contain a null value. The values must match the values in the OLE DB DBPARAMFLAGSENUM enumeration. For more information, see the OLE DB reference documentation. The OLE DB Command transformation includes the SqlCommand custom property. This property can be updated by a property expression when the package is loaded. For more information, see Integration Services Expression Reference, Using Property Expressions in Packages, and Transformation Custom Properties. This transformation has one input, one regular output, and one error output.

---

### **Question: 252**

---

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

Now you get an order from your company CIO, you are asked to design a SQL Server 2008 Integration Services (SSIS) package.

The package contains a Data Flow task. According to the requirement of the company CIO, the package has to be modified to write all rows by which errors are generated to a text file.

So what should you do? (choose more than one)

- A. A Flat File Destination component should be used
- B. A Raw File Destination component should be used
- C. The SSIS log provider for the SQL Profiler should be used
- D. An Error output should be added to the Data Flow component
- E. The SSIS log provider for the text file should be used

---

**Answer: A,D**

---

### **Question: 253**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. Now you are in charge of a SQL Server 2008 Analysis Services (SSAS) database. Now you get an e-mail from your company CIO, according to his requirement, he wants the data in a partition to be refreshed every two hours. He has assigned this task to you. You have to implement the incremental processing strategy. Of the following options, which XML for Analysis (XMLA) command should you choose?

- A. You should choose ProcessFull
- B. You should choose ProcessIndex
- C. You should choose ProcessAdd.
- D. You should choose ProcessData

---

**Answer: C**

---

### **Question: 254**

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You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

According to the requirement of the company, you're deploying a SQL Server 2008 Integration Services (SSIS) package. The XML configuration is not specified when deploying the package. You have to apply the configuration to the deployed package. What action should you do?

- A. The Deployment utility should be used
- B. The SETX command line utility should be used
- C. The DTEXEC command line utility should be used
- D. The DTUTIL command line utility should be used

---

**Answer: C**

**Explanation:**

**Using DTExecUI to Configure Package Execution**

The command-line executable file DTExec is a fully featured utility with broad parameterization capabilities. You can generate the command line manually by applying the command parameters to meet the execution circumstance, but to save time and avoid errors, you can use the command-line builder utility named DTExecUI. DTExecUI is a visual tool that naturally groups the command parameter options. The server on which you run DTExecUI must have SSIS installed. To open DTExecUI, type DTExecUI either from a command prompt or by choosing Start and then Run to open the Run dialog box. You can open the tool from the Run dialog box or from the command prompt without specifying the path.

To use DTExecUI, follow these steps:

1. Open the Execute Package Utility by executing DTExecUI either by choosing Start and then Run, and entering DTExecUI in the Run dialog box, or through a command prompt.
2. On the General property page, select the package for execution so that you can modify a property on the other pages. In the Package Source drop-down list, select File System, SSIS Package Store, or SQL Server, depending on where your package is located.
3. After identifying the package location, select the specific package for execution. If your package is stored in SQL Server or the SSIS Package Store, you need to specify the connection details to the SQL Server 2008 server by providing the server name. SQL Server also requires you to either provide a user name and password or specify Windows Authentication. All location choices require that you specify the package in the Package box by clicking the ellipsis button to the right of the Package box.
4. Next you need to specify how the package should be executed by configuring other package execution properties. Selecting the various property pages on the left from Configurations down through Verification will let you override settings such as connections, logging, and outputs. Table 4-3 describes the execution configuration options.  
Manual package deployment You can move your SSIS packages to a destination folder by copying them manually, by using a source-control tool that handles file deployment, or by creating a script or an application that handles the deployment. If you store your package in SQL Server, you can either use the DTUtil command-line utility that comes with SSIS to deploy your packages to SQL Server or manually import them through SSMS.

---

**Question: 255**

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008.

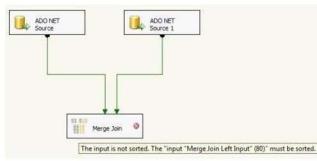
Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support.

According to the requirement of the company, you're desinging a SQL Server 2008 Integration Services (SSIS) package. The package contains a Data Flow task which copies several million rows. There is a reference table that contains 10,000 rows.

The data flow needs a match against the reference table. During the data flow, each row in the reference table will be used.

You must make sure that the data flow takes as little time to execute as possible. Of the following data flow components, which one should you use?

- A. You should use a Fuzzy Lookup transformation
- B. You should use a Lookup transformation along with the No cache option
- C. You should use a Lookup transformation along with the Full cache option
- D. You should use a Lookup transformation along with the Partial cache option



---

**Answer: C**

---

**Question: 256**

---

You are a database developer and you have about two years experience in creating business Intelligence (BI) by using SQL Server2008. Now you are employed in a company named NaproStar which uses SQL Server2008. You work as the technical support. According to the requirement of the company, you are developing a SQL Server 2008 Integration Services (SSIS) data flow. The data flow extracts data from two sources. Each source database is located on a different server. Each source is based on a SELECT statement that uses an ORDER BY clause. Each source is based on a SELECT statement. An ORDER BY clause is used by the statement. The following diagram presents the data flow. The following error message pops up when the paths from the two sources are connected to a Merge Join component. "Data Flow Task: The input is not sorted.

The 'input "Merge Join Left Input" (80)' must be sorted."

You must make sure that data from each query is included in each row in the data flow. You must achieve this goal by using as little execution time as possible.

So what action should you perform?

- A. For each data flow a Sort transformation should be added.
- B. In each source component, the sorting properties should be updated
- C. For each data flow, an OLE DB Command transformation should be added
- D. You should replace the Merge Join transformation with a Union All transformation

---

**Answer: B**

---

**Question: 257**

---

You are developing a SQL Server 2008 Reporting Services (SSRS) instance for Company.com.

In order to keep all reports render to Microsoft Excel only, you should compile the items, which are contained in the <Extension> subelement of the <Render> element in the RSReportServer.config file.

Which is the correct answer below?

- A. You should set the value of the Type attribute to render where the value of the Name attribute is equal to EXCEL.
- B. You should set the value of the visible attribute to false where the value of the Name attribute is not equal to EXCEL.
- C. You should set the value of the Type attribute to prevent where the value of the Name attribute is not equal to EXCEL.

D. You should add an `OverrideNames` subelement to the `extension` element where the value of the `Name` attribute is not equal to EXCEL.

---

**Answer: B**

---

**Explanation:**

Example: Limiting the List of Report Rendering Options A common configuration setting in `RSReportServer.config` is to limit the user choices for the report rendering. For example, if you wanted to exclude Microsoft Office Word as a choice for rendering reports, you would look for the entries under the `<Render>` tag in the XML `.config` file to find the following line:

```
<Extension Name="WORD"  
Type="Microsoft.ReportingServices.Rendering.WordRenderer.WordRenderer,  
Microsoft.ReportingServices.WordRendering"/>
```

To turn off Word in the rendering options, you would add a `Visible="false"` entry to the line, like this:

```
<Extension Name="WORD"  
Type="Microsoft.ReportingServices.Rendering.WordRenderer.WordRenderer,  
Microsoft.ReportingServices.WordRendering" Visible="false"/>
```

---

### **Question: 258**

---

You are creating a SQL Server 2008 Integration Services (SSIS) package which gets information from a FTP server through utilizing many FTP tasks and operate information through utilizing many Execute SQL tasks for Company.com. After the package downloads the files, you should make sure that you could set the package to restart. In order to solve the problem, which is the correct answer?

- A. You should set the HTTP tasks to hold transactions Log.
- B. You should set the Execute SQL store procedure to hold transactions Log.
- C. You should transfer the half HTTP job to a sequence container.
- D. You should set the package to utilize a checkpoint.

---

**Answer: D**

---

---

### **Question: 259**

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You are developing a SQL Server 2008 Integration Services (SSIS) package for Company.com.

There is a development server called TestSQL in your package.

For the development server and the production server, you could not move the information between them.

When you publish the package to the TestSQL server.

You get the error message below: The package could not link to the TestSQL server.

You should make sure that you could alter the package to refer to the TestSQL server when being implemented.

Which is the correct answer?

- A. You should change the attributes of the package to utilize the `DontSaveSensitive` package protection level.
- B. Before altering the connection string by hand you should change the deployment manifest file in Microsoft Notepad.
- C. You should choose the Connection Manager check box on the Connection Managers tab of the Execute Package utility and then alter the connection string.
- D. You change the attribute of the package to utilize store procedure.

---

**Answer: C**

---

Explanation:

Creating Package Connection Managers

A package connection manager, sometimes simply called a package connection, is independent of project data sources. However, package connections can reference a project data source. A package connection lets the different components in SSIS communicate with an object (such as a database, file, or server) outside the package. You can use package connections as source adapters, FTP or e-mail servers, or flat files.

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### **Question: 260**

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You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

There is a dimension called DimProductTester which includes a property called PriceTester.

You should make sure that aggregations could not link to the Price property.

Which is the correct answer?

- A. You should configure the IsAggregatable attribute of the PriceTester attribute to True.
- B. You should configure the AttributeHierarchyEnabled attribute of the PriceTester attribute to False.
- C. You should configure the MembersWithData attribute of the PriceTester attribute to LeafDataHidden.
- D. You should configure the MembersWithOutData attribute of the PriceTester attribute to LeafDataHidden.

---

**Answer: B**

---

Explanation:

AttributeHierarchyEnabled Determines whether the attribute is enabled as a hierarchy; this must be True if the attribute will be used in a multilevel hierarchy

---

### **Question: 261**

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You are developing a SQL Server 2008 Analysis Services (SSAS) method which owns a date dimension called DateTester along with a rule called CalendarTester for Company.com.

The CalendarTester rule owns levels for the Year, Quarter, Month, and Date properties.

You should make sure that you could develop a called setTester that connects with the first eight months of the year 2008.

Which is the correct answer?

- A. You should use the expression below:  
[ Yr-Qtr-Mth].[Year], [DimTime].[Yr-Qtr-Mth].[Month].[August 2008])
- B. You should use the expression below:  
[ yr-day].[Month], [DimTime].[Yr-Qtr-Mth].[Month].[ August 2008])
- C. You should use the expression below:  
[yr-day]. [Month],8, [DimTime].[ yr-day].[Month].[ August 2008])
- D. You should use the expression below:  
[ yr-day].[Year],8, [DimTime].[ yr-day].[Month].[ August 2008])

---

**Answer: A**

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---

### **Question: 262**

---

You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

You make before caching enable for a partition.

You should make sure that SSAS could search connected information when You could update many aspects storage.  
Which is the correct answer?

- A. You should configure the attribute of ProcessingMode the partition to Immediate.
- B. You should configure the attribute of ProcessingMode the partition to LazyAggregations.
- C. You should configure the attribute of ProcessingMode the partition to OnCacheComplete.
- D. You should configure the attribute of ProcessingMode the partition to Common.

---

**Answer: A**

---

Explanation:

**ProcessingMode**

Defines the place in the cube processing at which data becomes available to users. By default, ProcessingMode is set to Regular, and users cannot access the measure group until processing is complete. If ProcessingMode is set to LazyAggregations, data is accessible as soon as it is processed, but processing takes longer.

---

### **Question: 263**

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You are managing a SQL Server 2008 Analysis Services (SSAS) database for Company.com.

There are three characters in a dimensionality called DProducts below:

- \* An attribute named Categories.
  - \* A key attribute named Products that has a relationship to the Categories attribute.
  - \* A hierarchy that has the Categories attributes on the first level and the Products attribute on the second level.
- When you browse through the dimension, it shows all the Products that do not have a relationship to the Categories attribute.
- The attribute is grouped under a Categories member named Unknown.
- You need to ensure that only those products that have a relationship to the Categories attribute are displayed.
- Which is the correct answer below?

- A. In the hierarchy, you should change the HideMemberIf property of the Categories level to OnlyChildWithNoName.
- B. In the hierarchy, you should change the HideMemberIf property of the Products level to OnlyChildWithNoName.
- C. You should Change the UnKnownMember property of the DimProducts dimension to none.
- D. You should Change the UnKnownMember property of the DimProducts dimension to Hidden.

---

**Answer: D**

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---

### **Question: 264**

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You are developing a SQL Server 2008 Analysis Services (SSAS) method for Company.com.

The cube structure is listed below:

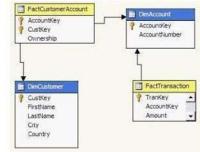
For one TestAccount member, the total value in the Ownership column is 100%.

The Ownership column includes decimal values which stand for percentage of ownership.

The measures listed below are developed: Ownershipler Number

You should make sure that the weighted value is computed according to the Ownership measure when you are computing against the TestCustomer dimension.

Which is the correct answer?



- A. You should configure the MeasureExpression attribute of the Number method to [Number]\*[ Ownershipiper].
- B. You should configure the FormatString attribute of the Number method to [DimCustomer].[Number]\*[ Ownershipiper].
- C. You should configure the MeasureExpression attribute of the Number method to [TestCustomer].[ Number].
- D. You should configure the FormatString attribute of the Number method to [TestCustomer].[ Number].

---

**Answer: A**

---

### Question: 265

---

You work as a database administrator at CertKiller.com. You are responsible for managing a SQL Server 2008 Analysis Services (SSAS) instance for CertKiller.com.

The SQL Server 2008 Analysis Services instance contains a database named CKOrders.

You decide to change the DataDir feature of the instance to a new folder. You need to accomplish this task in the least amount of time. What should you do?

- A. You should consider running the database.
- B. You should consider running the database at the same time.
- C. You should consider ceasing the Analysis Services service.
- D. You should consider removing the files in the original folder prior to ceasing the Analysis Services.

---

**Answer: A**

---

### Question: 266

---

You work as a database administrator at CertKiller.com. You are responsible for managing a SQL Server 2008 Analysis Services (SSAS) database. This database includes a dimension named Product.

You need to set the Dimension Data configurations to the following:

Deny access to the {[Product].[Country].[UK],[Product].[Country].[USA]} configure of property users.

You need to ensure that new users are added to the property by default. What should you do?

- A. You should consider adding the whole country members.
- B. You should consider adding the property: [Country].[USA],[Product].[Country].[UK]}

- C. You should consider adding the property: [Country].[USA],[Product].[Country].[UL]}
- D. You should consider adding the property: [Country].[USA],[Product].[Country].[UK]}

---

**Answer: B**

---

### **Question: 267**

You design a report by using SQL Server 2008 Reporting Services (SSRS).

The report contains a dataset that has 25 million rows of data. The report is rendered by using the HTML rendering extension.

You need to ensure that users can view the report without delay during rendering,  
What should you do?

- A. Set the PageHeight property to 0.
- B. Set the InteractiveHeight property to 100.
- C. Set the InteractiveHeight property to 0,
- D. Set the PageHeight property to 100.

---

**Answer: B**

Explanation:

To control pagination, you specify page-related properties in the report definition. Each rendering extension varies in how it supports page properties and whether it supports pagination altogether.

The same report will paginate differently depending on which rendering extension you use to view it.

InteractiveHeight and InteractiveWidth are used by the HTML rendering extension to provide the equivalent of PageHeight and PageWidth. Because the HTML rendering extension dynamically resizes a report to accommodate drilldown, drillthrough, and show/hide features, the report server uses different properties to support pagination on dynamic pages.

There is no maximum size for InteractiveHeight. A value of 0 is used to specify infinite height, regardless of the size designator it is paired with. When InteractiveHeight=0, the user can't see a report until all rendering completes.

---

### **Question: 268**

You develop a series of SQL Server 2008 Integration Services (SSIS) packages.

You need to ensure that the following requirements are met:

The packages contain configurations.

The configuration information is centrally stored for all packages.

There are no dependencies among the packages.

Which component should you use to configure the package? (Each correct answer presents a complete solution. Choose two.)

- A. A SQL Server 2008 table
- B. A parent package variable
- C. A registry entry
- D. An environment variable
- E. An XML configuration file

---

**Answer: A,E**

Explanation:

Type	Description
XML configuration file	An XML file contains the configurations. The XML file can include multiple configurations.
Environment variable	An environment variable contains the configuration.
Registry entry	A registry entry contains the configuration.
Parent package variable	A variable in the package contains the configuration. This configuration type is typically used to update properties in child packages.
SQL Server table	A table in a SQL Server database contains the configuration. The table can include multiple configurations.

Integration Services supports several different methods of storing package configurations, such as XML files, tables in a SQL Server database, and environment and package variables.

Each configuration is a property/value pair. The XML configuration file and SQL Server configuration types can include multiple configurations.

The following table describes the package configuration types.

If you select the XML configuration file configuration type, you can create a new configuration file, reuse an existing file and add new configurations, or reuse an existing file but overwrite existing file content. If you select the SQL Server configuration type, you specify the connection to the SQL Server database in which you want to store the configurations. You can save the configurations to an existing table or create a new table in the specified database. Note: SSIS (SQL Server Integration Services) is an upgrade of DTS (Data Transformation Services), which is a feature of the previous version of SQL Server. Integration Services provides a platform to build data integration and workflow applications. The primary use for SSIS is data warehousing as the product features a fast and flexible tool for data extraction, transformation, and loading (ETL). ). The tool may also be used to automate maintenance of SQL Server databases, update multidimensional cube data, and perform other functions.

## Question: 269

You administer a SQL Server 2008 Reporting Services (SSRS) instance. The instance contains several reports that use stored credentials to access data from a SQL Server 2008 instance. A computer that hosts the instance recovers from a hardware failure and has a newly installed SSRS instance. You need to ensure that the reports hosted on the instance continue to function correctly. What should you do?

- A. Reinitialize the Report Server.
- B. Restore the encryption keys.
- C. Recreate the Report Server database.
- D. Recreate the encryption keys.

## Answer: B

Explanation:

Managing the Encryption Keys is a core to any SQLRS database recoveries that may need to be done. It is therefore recommended that those responsible for supporting SQLRS instances familiarise themselves with the concepts discussed SQLRS Books Online (BOL) under “Managing Encryption Keys” During setup SQLRS creates encryption keys, which are then used to secure credentials, connection information, and accounts that are used in server operations. As soon as you finish installing SQLRS, you should make a copy of the symmetric key. If you ever need to repair a Reporting Services installation due to changes in computer name, instance name, or user account values, you can apply the key to make the report server database operational.

## Question: 270

You are developing a SQL Server 2008 Integration Services (SSIS) data flow that loads data to a SQL Server 2008

database.

You need to ensure that the data flow updates the existing records in the SQL Server database by using data from the rows in your data flow.

Which data flow component should you use?

- A. OLE DB Destination
- B. SQL Server Destination
- C. Data Conversion Transformation
- D. OLE DB Command Transformation

---

**Answer: B**

---

**Explanation:**

Destinations are the data flow components that load the data in a data flow into different types of data sources or create an in-memory dataset. Note 1: SQL Server Integration Services provides three different types of data flow components: sources, transformations, and destinations. Sources extract data from data stores such as tables and views in relational databases, files, and Analysis Services databases. Transformations modify, summarize, and clean data. Destinations load data into data stores or create in-memory datasets. Note 2: The Data Flow task encapsulates the data flow engine that moves data between sources and destinations, and lets the user transform, clean, and modify data as it is moved. Addition of a Data Flow task to a package control flow makes it possible for the package to extract, transform, and load data. A data flow consists of at least one data flow component, but it is typically a set of connected data flow components: sources that extract data; transformations that modify, route, or summarize data; and destinations that load data. Components are connected in the data flow by paths. Each path specifies the two components that are the start and the end of the path.

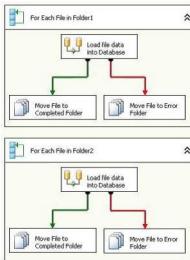
---

### **Question: 271**

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You are developing a SQL Server 2008 Integration Services (SSIS) package. The package extracts data from text files and loads the data to a SQL Server 2008 database. You configure the data flows to fail on a single error.

The control flow package is as shown in the following exhibit. (Click the Exhibit button.)



The package extracts data from files that are stored in two folders. Each folder can store a maximum of 10 files. You need to ensure that the package runs and loads additional files even if an error occurs during the loading of a file. What should you do?

- A. Configure the MaximumErrorCount property for the package.
- B. Configure the FailPackageOnFailure property for each Foreach Loop container.
- C. Configure the FailPackageOnFailure property for each Data Flow task.
- D. Configure an OnError event handler for each Foreach Loop container.

---

**Answer: A**

---

Explanation:

MaximumErrorCount is the maximum number of errors that can occur before a container stops running. The default value of this property is 1

---

### **Question: 272**

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You maintain a SQL Server 2008 Reporting Services (SSRS) instance.

You plan to implement a failure recovery plan.

You need to back up the report server encryption key.

Which command line utility should you use?

- A. Syskey
- B. Rskeymgmt
- C. Rsconfig
- D. Rsactivate

---

**Answer: B**

**Explanation:**

Reporting Services provides the rskeymgmt utility that you can use to extract a copy of the encryption key from the report server database. The utility writes the key to a file that you specify, and then scrambles the key using a password that you provide. After the file is created, you must store it in a secure location and remember the password that is used to unlock the file.

---

**Question: 273**

You administer an instance of SQL Server 2008 Reporting Services.

You deploy various drill-down reports to the server. When users render these reports, detail information that must be hidden by default is always present.

You need to ensure that users use an appropriate rendering extension that supports the toggling of visibility.

Which rendering extensions should the users select?

- A. PDF
- B. Excel
- C. HTML
- D. XML

---

**Answer: D**

**Explanation:**

A rendering extension is a component or module of a report server that transforms report data and layout information into a device-specific format. SQL Server Reporting Services includes seven rendering extensions: HTML, Excel, Word, CSV or Text, XML, Image, and PDF.

Reports that are rendered using the XML rendering extension also follow these rules:

---

**Question: 274**

You create a SQL Server 2008 Analysis Services (SSAS) solution.

You have a table named FactSales that contains columns named Country and Year.

You discover that data is frequently queried for the following values:

The Country column as USA

The Year column as 2008

You decide to implement two partitions for the measure group based on the FactSales table. The first partition contains the frequently queried data and the second partition contains the remaining fact table data.

Which partition query WHERE clauses should you use?

- A. Country = "USA"
- Year = 2008
- B. Country = "USA" AND Year = 2008
- Country <> "USA" AND Year <> 2008
- Country = "USA" OR Year = 2008
- C. Country = "USA" AND Year = 2008
- Country <> "USA" AND Year <> 2008
- D. Country = "USA" AND Year = 2008
- (Country = "USA" AND Year <> 2008)
- OR (Country <> "USA")

---

**Answer: D**

---

**Question: 275**

You create a SQL Server 2008 Analysis Services (SSAS) solution. You create a data source view. You add a table named Customer from the data source to the data source view. You alter the name of the table from Customer to DimCustomer in the data source. You need to ensure that the following requirements are met:  
The data source view uses the altered table name as the source.  
All existing relationships and table references are preserved.  
What should you do?

- A. Refresh the data source view.
- B. Replace the Customer table in the data source view with DimCustomer.
- C. Remove the Customer table in the data source view.
- D. Change the FriendlyName property of the Customer table to DimCustomer.

---

**Answer: A**

---

**Question: 276**

You maintain a SQL Server 2008 Reporting Services (SSRS) instance. Your instance supports several different rendering extensions. You need to configure the server so that all reports render only to Microsoft Excel. What should you do?

- A. Modify the RSMgrPolicy.config file.
- B. Modify the Web.config file.
- C. Modify the Global.asax file.
- D. Modify the RSReportServer.config file.

---

**Answer: D**

**Explanation:**

You can specify rendering extension parameters in the RSReportServer configuration file to override default report rendering behavior for reports that run on a Reporting Services report server.  
You can modify rendering extension parameters to achieve the following objectives:  
Change how the rendering extension name appears in the Export list of the report toolbar (for example, to change "Web archive" to "MHTML"), or localize the name to a different language.  
Create multiple instances of the same rendering extension to support different report presentation options (for example, a portrait and landscape mode version of the Image rendering extension).  
Change the default rendering extension parameters to use different values (for example, the Image rendering extension uses TIFF as the default output format; you can modify the extension parameters to use EMF instead).

---

**Question: 277**

You create a SQL Server 2008 Analysis Services (SSAS) solution. Your solution contains a time dimension named DimTime that contains a hierarchy named Yr-Qtr-Mth.

You have a measure named Amount from a measure group named Measures.

You need to create a calculated member to display the Amount measure in the previous time period for the current level of the Yr-Qtr-Mth hierarchy.

Which expression should you use?

- A. ([Measures].[Amount], OPENINGPERIOD([DimTime].[Yr-Qtr-Mth].FirstSibling.Level))
- B. ([Measures].[Amount], LASTPERIODS(0,[DimTime].[Yr-Qtr-Mth].PrevMember))
- C. ([Measures].[Amount], [DimTime].[Yr-Qtr-Mth].PrevMember)
- D. ([Measures].[Amount], [DimTime].[Yr-Qtr-Mth].FirstSibling)

---

**Answer: C**

---

Explanation:

PrevMember returns the previous member in the level that contains a specified member.

Incorrect answer:

FirstSibling returns the first child of the parent of a member.

LastPeriods returns a set of members up to and including a specified member

---

### **Question: 278**

---

You develop a SQL Server 2008 Integration Services (SSIS) package.

You discover that the package fails and returns an error code of 0x80040E4D.

You need to ensure that the package generates the debug dump files that are associated with the package only when this error code occurs.

Which DTExec command line option should you use?

- A. WarnAsError
- B. Dump
- C. DumpOnError
- D. Logger

---

**Answer: B**

---

Explanation:

Dump error code

Creates the debug dump files, .mdmp and .tmp, when one or more specified events occur while the package is running. The error code argument specifies the type of event code—error, warning, or information—that will trigger the system to create the debug dump files. To specify multiple event codes, separate each error code argument by a semi-colon (;).

---

### **Question: 279**

---

You design a SQL Server 2008 Integration Services (SSIS) package.

The package assigns a value to a variable by using a Script task. When the package executes successfully, the value of the variable is not updated.

You need to modify the package so that the Script task can assign the value of the variable.

What should you do?

- A. Modify the variable scope to the package.
- B. Modify the RaiseChangedEvent property of the variable.

- C. Modify the EvaluateAsExpression property of the variable.
- D. Modify the variable scope to the script task.

---

**Answer: A**

**Explanation:**

Variables in SSIS, like in other programming languages, can have different scopes. For instance, a package scope means the variable can be accessed anywhere within the package, but a variable with a Data Flow scope can only be accessed within the specified Data Flow task.

---

### **Question: 280**

You create a SQL Server 2008 Reporting Services (SSRS) report.

The report contains a table that displays a list of products. The list of products includes the three fields named ProductName, ProductCategory, and ProductPrice. The table contains a textbox named ProductCategory that displays the ProductCategory field.

The dataset is sorted by ProductCategory.

You need to ensure that the report header displays the ProductCategory of the first product listed on each page of the report.

Which code segment should you use in the report header?

- A. =Fields!ProductCategory.Value
- B. =First (Fields(ProductCategory.Value) )
- C. =First( ReportItems ("ProductCategory ").Value)
- D. =ReportItems (" ProductCategory ") .Value

---

**Answer: D**

**Explanation:**

Page headers and footers can contain static content, but they are more commonly used to display varying content like page numbers or information about the contents of a page. To display variable data that is different on each page, you must use an expression. If there is only one dataset defined in the report, you can add simple expressions such as [FieldName] to a page header or footer. Drag the field from the Report Data pane dataset field collection or the Built-in Fields collection to the page header or page footer. A text box with the appropriate expression is automatically added for you. To calculate sums or other aggregates for values on the page, you can use aggregate expressions that specify ReportItems or the name of a dataset. The ReportItems collection is the collection of text boxes on each page after report rendering occurs. The dataset name must exist in the report definition.

---

### **Question: 281**

You develop a report by using SQL Server 2008 Reporting Services (SSRS).

The report has a dataset that contains 25 columns of data. You plan to render the dataset to a Microsoft Office Excel worksheet.

You need to ensure that the report columns are properly aligned when rendering to Excel.

Which type of data region should you use?

- A. List
- B. Table
- C. Rectangle
- D. Matrix

---

**Answer: B**

---

Explanation:

Tables in reports are rendered as rows and columns of cells in Excel. Page breaks on report items inside a table cell are ignored.

Note: A data region is an area on a report containing data from a data source. Types of data regions are charts, lists, tables, and matrices.

---

### **Question: 282**

---

You administer an instance of a SQL Server 2008 server.

The server is used to execute SQL Server 2008 Integration Services (SSIS) packages.

You need to ensure that the server executes only correctly signed packages.

What should you do?

- A. Set the BlockedSignatureStates registry entry to NoAdministrativeRestriction.
- B. Set the package protection level on all packages to EncryptSensitiveWithPassword.
- C. Set the BlockedSignatureStates registry entry to Block invalid and untrusted signatures and unsigned packages.
- D. Set the package protection level on all packages to DontSaveSensitive.

---

**Answer: C**

---

Explanation:

A SQL Server 2008 Integration Services (SSIS) package can be signed with a certificate and configured to require the runtime to check the signature before loading the package. The properties of the package, CheckSignatureOnLoad and CertificateObject, indicate whether a certificate must be checked, and specify the certificate that was used to sign the package. The certificate used to sign the package must be enabled for code signing. Integration Services provides a registry value that you can use to manage an organization's policy for loading signed and unsigned packages. The registry value can also manage untrusted signatures of signed packages. With regard to the status of signatures used to sign packages, the BlockedSignatureStates registry value uses the following definitions: A valid signature is one that can be read successfully. An invalid signature is one for which the decrypted checksum (the one-way hash of the package code encrypted by a private key) does not match the decrypted checksum that is calculated as part of the process of loading Integration Services packages. A trusted signature is one that is created by using a digital certificate signed by a Trusted Root Certification Authority. This setting does not require the signer to be found in the user's list of Trusted Publishers. An untrusted signature is one that cannot be verified as issued by a Trusted Root Certification Authority, or a signature that is not current. To use the registry value to prevent packages from loading if the packages are unsigned, or have invalid or untrusted signatures, you must add the BlockedSignatureStates DWORD value to the HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\MSDTS registry key and specify the value 0, 1, 2, or 3.

The following table lists the valid values of the DWORD data and their associated policies.

---

### **Question: 283**

---

You manage the security in SQL Server 2008 R2 Reporting Services (SSRS).

You create a new role.

You need to grant the following permissions to the role:

View and modify security settings for reports, folders, resources, and shared data sources.

Create and delete reports.

Modify report properties.

Which two actions should you perform? (Each correct answer presents part of the solution.)

Choose two.)

- A. Assign Set Security Policies for Items task to the role.
- B. Assign the Consume Reports task to the role,
- C. Assign the Manage Resources task to the role.
- D. Assign the Manage Reports task to the role.

---

**Answer: A,D**

**Explanation:**

You can modify the My Reports role to suit your needs. However, it is recommended that you keep the "Manage reports" task and the "Manage folders" task to enable basic content management. In addition, this role should support all view-based tasks so that users can see folder contents and run the reports that they manage. Although the "Set security policies for items" task is not part of the role definition by default, you can add this task to the My Reports role so that users can customize security settings for subfolders and reports. The Manage reports task: Add and delete reports, modify report parameters, view and modify report properties, view and modify data sources that provide content to the report, view and modify report definitions, and set security policies at the report level. Note: Reporting Services uses a role-based security model to control access to reports, folders, and other items that are managed by a report server. The model maps a specific user or group to a role, and the role describes how that user or group is to access a given report or item. The security model consists of the following components:

A user or a group account that can be authenticated by Windows security or another authentication mechanism.

Role definitions that define a set of actions or operations. Examples of role definitions include System Administrator, Content Manager, and Publisher.

Securable items for which you want to control access. Examples of securable items include folders, reports, and resources.

The combination of all these elements is characterized as a role assignment. In Reporting Services, role assignments provide the security context for items and the report server itself.

**Note 2:**

In Reporting Services, tasks are all possible actions that a user or administrator performs. There are twenty tasks in all. Some examples of tasks include "View reports," "Manage reports," and "Manage report server properties."

Tasks are predefined. You cannot create custom tasks or modify the ones provided either programmatically or through a tool.

Each task consists of a set of permissions, which are also predefined. For example, the "Manage folders" task contains the permissions create and delete folders, and view and update folder properties. Users never interact with permissions directly. Users are granted permissions indirectly through the tasks that are included in role definitions. These permissions allow access to specific report server functionality. For example, users who have permission to subscribe to reports can use subscription-related pages and buttons in Report Manager to create and manage subscriptions. Users who do not have permission do not see subscription-related pages in Report Manager.

To work, a task must be assigned to a role that is actively used in a security policy. A task that is not assigned to a role has no impact on user actions or security.

---

### **Question: 284**

You are designing a SQL Server 2008 Integration Services (SSIS) package. The package will be used to extract data from a SQL Server 2008 database and load data to a Microsoft Office Excel workbook. You need to ensure that the package creates a new worksheet in an existing Excel workbook during execution. Which control flow component should you use to create the worksheet?

- A. File System Task
- B. Execute SQL Task

- C. Data Flow Task along with the OLE DB source
- D. Bulk Insert Task

---

**Answer: C**

Explanation:

Data flow tasks within SSIS can be used to move data from a source to destination and at the same time use certain transformation tasks to clean and modify the data while it is transferred. By adding a data flow task to the package control flow the package can be made to perform data extraction, transformation and load (ETL) operations.

- A: File System Task is used to perform operations on files and folders, such as create, move, delete, and also to set the attributes for files and folders.
- B: The Execute SQL Task can be used to execute any TSQL code
- C: The Bulk Insert Task can be used to insert data from a text file or a flat file into a SQL Server Table

---

### **Question: 285**

You maintain a SQL Server 2008 Analysis Services (SSAS) instance.

You plan to process the aggregations of a cube by using an XML for Analysts (XMLA) script.

You need to ensure that only the aggregations are updated.

What should you do?

- A. Execute a processStructure command.
- B. Execute a processUpdate command.
- C. Execute a processIndex command.
- D. Execute a processData command.

---

**Answer: A**

Explanation:

B: processUpdate only supported for dimensions

C: processIndex updates indexes and aggregations

D: processData processes data only without updating aggregations or indexes

---

### **Question: 286**

You administer an instance of SQL Server Analysis Services (SSAS).

To troubleshoot access rights issues, you need to find out which roles are applied to a user.

Which event should you trace in Microsoft SQL Profiler?

- A. The Audit Login event
- B. The Audit Object Permissions event
- C. The Session Initialize event
- D. The Notification event

---

**Answer: B**

---

### **Question: 287**

You are developing a SQL Server 2008 Reporting Services (SSRS) report.

The organization requires a drilldown report that color coordinates the values of students' test scores. All average scores 70% or higher should have a green background. All lower average scores should have a red background. You need to enable this functionality.  
Which expression should you use?

- A. =iif(Fields!TestScore.Value >=.70, Green, Red)
- B. =iif(Fields!TestScore.Value >=.70 THEN "Green" ELSE "Red")
- C. =iif(avg(Fields!TestScore.Value)>=.70 THEN "Green" , "Red")
- D. =iif(avg(Fields!TestScore.Value)>=.70,"Green","Red")

---

**Answer: C**

---

### **Question: 288**

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You create a SQL Server 2008 Reporting Services (SSRS) report for a school district. The school district needs to be able to retrieve the median value of all test scores. You build a custom function named Median that accepts the test scores and returns the median test score. You need to run this custom function.  
Which expression should you use?

- A. =Execute Function Median(Fields!TestScores)
- B. =Code.Function.Median()
- C. =Code.Median(Fields!TestScores)
- D. =Execute.Median(Fields!TestScores)

---

**Answer: C**

---

### **Question: 289**

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You have a SQL Server 2008 R2 Analysis Services (SSAS) solution. You add a new Data Source View (DSV) to the solution. The DSV includes a SalesOrder table with columns for OrderTotal and CostTotal. You need to derive the profit for each order without modifying the underlying data. What should you do?

- A. Add a Named Calculation to the SalesOrder table, using OrderTotal + CostTotal as the expression.
- B. Add a Named Calculation to the SalesOrder table, using OrderTotal, CostTotal as the expression.
- C. Add a Named Query to the DSV, using Select \* From SalesOrder as the expression.
- D. Add a Named Calculation to the SalesOrder table, using OrderTotal - CostTotal as the expression.

---

**Answer: D**

---

Explanation:

Note: A named calculation is a SQL expression represented as a calculated column. This expression appears and behaves as a column in the table. A named calculation lets you extend the relational schema of existing tables or views in a data source view without modifying the tables or views in the underlying data source. For example, a common calculated value derived from the columns of a fact table can be expressed as a single named calculation in the data source view, instead of modifying the underlying database table or creating a view in the underlying database.

A named calculation can also be used in place of calculated member in each cube based on the data source view.

Named calculations are calculated during processing whereas calculated members are calculated at query time.  
A named calculation is also frequently used to construct a user friendly name for a dimension member.  
Reference: Define Named Calculations in a Data Source View (Analysis Services)

---

### **Question: 290**

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You maintain a SQL Server 2008 Analysis Services (SSAS) instance.  
You are developing a new data mining structure.  
You need to set the Microsoft Clustering Algorithm to meet the following requirements:  
Allow data points to be assigned to two clusters.  
Generate a probability for each combination of data point and cluster.  
Provide the fastest results on large datasets (greater than one million records).  
Which clustering method should you use?

- A. Scalable Expectation Maximization (EM)
- B. Non-scalable Expectation Maximization (EM)
- C. Non-scalable K-Means
- D. Scalable K-Means

---

**Answer: C**

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---

### **Question: 291**

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You create a SQL Server 2008 Analysis Services (SSAS) solution.  
Your organization wants to track the times that products are ordered, shipped, and received in an existing cube.  
You need to enable this tracking based on Sales, Orders, and Shipments fact tables.  
What should you do?

- A. Add many-to-many relationships between the Sales, Orders, and Shipments fact tables.
- B. Add one Time dimension to each fact table.
- C. Add a role-playing Time dimension to the cube via the Dimension Usage view.
- D. Add a Time table to the underlying data and then add the table to the cube's Data Source View.

---

**Answer: C**

---

---

### **Question: 292**

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You are a SQL Server 2008 Reporting Services (SSRS) developer. You develop a report with two parameters named Region and City in that order.  
When the Region parameter is selected, the City parameter should be filtered by the Region selected.  
You need to enable this functionality.  
What should you do?

- A. Create a distinct dataset that includes all possible values and attach it to the parameter.
- B. Create a dynamic dataset that utilizes the WHERE clause to filter by the parameter.
- C. Create a dynamic data source from a dataset by using the IN operator.
- D. Configure the Internal Visibility option for the parameter.
- E. Change the dataset from a shared dataset to an embedded dataset in the report.
- F. Create a dynamic data source from a dataset that includes a list of distinct servers.
- G. Create a dynamic dataset that includes a list of the different users.

H. Configure the Hidden Visibility property.

---

**Answer: B**

---

### **Question: 293**

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You create a SQL Server 2008 Reporting Services (SSRS) report. The report is hosted in a SharePoint environment. The UserID is passed into the report automatically when the user views the report. The UserID will be used to link to other pages on the SharePoint site via url.

You need to prevent the user from seeing their UserID

What should you do?

- A. Create a distinct dataset that includes all possible values and attach it to the parameter.
- B. Create a dynamic dataset that utilizes the WHERE clause to filter by the parameter.
- C. Create a dynamic data source from a dataset by using the IN operator.
- D. Configure the Internal Visibility option for the parameter.
- E. Change the dataset from a shared dataset to an embedded dataset in the report.
- F. Create a dynamic data source from a dataset that includes a list of distinct servers.
- G. Create a dynamic dataset that includes a list of the different users.
- H. Configure the Hidden Visibility property.

---

**Answer: H**

---

### **Question: 294**

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You develop a SQL Server 2008 Reporting Services (SSRS) instance of a report model.

The organization requires that users of a report be able to dynamically change the server environment.

You need to create a parameter that gives the user the option to choose the server before report execution.

What should you do?

- A. Create a distinct dataset that includes all possible values and attach it to the parameter.
- B. Create a dynamic dataset that utilizes the WHERE clause to filter by the parameter.
- C. Create a dynamic data source from a dataset by using the IN operator.
- D. Configure the Internal Visibility option for the parameter.
- E. Change the dataset from a shared dataset to an embedded dataset in the report.
- F. Create a dynamic data source from a dataset that includes a list of distinct servers.
- G. Create a dynamic dataset that includes a list of the different users.
- H. Configure the Hidden Visibility property.

---

**Answer: F**

---

### **Question: 295**

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You maintain a SQL Server 2008 Reporting Services (SSRS) instance for a shoe company.

An existing report on shoe sales allows the user to see the company's revenue across many different attributes.

You need to create a drop down list that filters the report by one or more shoe colors.

You alter the main dataset and configure the report parameter to accept multiple values.

What should you do next?

- A. Create a distinct dataset that includes all possible values and attach it to the parameter.
- B. Create a dynamic dataset that utilizes the WHERE clause to filter by the parameter.
- C. Create a dynamic data source from a dataset by using the IN operator.
- D. Configure the Internal Visibility option for the parameter.
- E. Change the dataset from a shared dataset to an embedded dataset in the report.
- F. Create a dynamic data source from a dataset that includes a list of distinct servers.
- G. Create a dynamic dataset that includes a list of the different users.
- H. Configure the Hidden Visibility property.

---

**Answer: A**

---

### **Question: 296**

You develop reports by using SQL Server 2008 Reporting Services (SSRS) Enterprise Edition.  
You need to use data-driven subscription to distribute reports based on dynamic subscription data.  
Which role should you use?

- A. Publisher
- B. System User
- C. Content Manager
- D. Browser

---

**Answer: C**

---

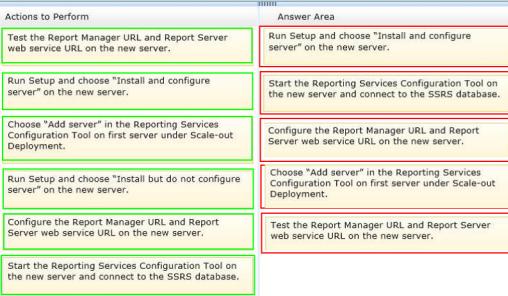
### **Question: 297**

DRAG DROP

You have a SQL Server 2008 Reporting Services (SSRS) Enterprise Edition instance.

You need to add a second report server to this instance.

In which order should you perform the steps? (To answer, move the appropriate five actions from the list of actions to the answer area and arrange them in the correct order.)



---

**Answer:**

---

**Explanation:****Reporting Services Configuration Tool**

Box 1: Run Setup and choose "Install but do not configure" on the new server.

Box 2: Start the Reporting Services Configuration Tool on the new server and connect to the SSRS database.

Box 3: Configure the Report Manager URL and Report Server web Service URL on the new server.

Box 4: Choose "Add Server" in the Reporting Services Configuration Tool on the first server under Scale-out Deployment.

Box 5: Test the Report Manger URL and Report Server web service URL on the new server.

**Note:**

To install and configure the second report server instance

Box 1:

Box 2:

Box 3:

To join the second report server instance to the scale-out deployment

Box 4:

Box 5:

Reference: How to: Configure a Report Server Scale-Out Deployment (Reporting Services Configuration)

---

### **Question: 298**

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You are responsible for the SQL Server 2008 Integration Services (SSIS) instance at your organization. This instance uses SQL Server Authentication.

Other developers develop, configure, and deploy packages to the MSDB database.

You need to determine whether a package named "DailyLoad" exists in the MSDB database on the local instance of SQL Server.

What is the correct dtutil command syntax?

- A. dtutil /FILE W:/DailyLoad.dtsx /EXISTS
- B. dtutil /SQL DailyLoad /EXISTS
- C. dtutil SQL DailyLoad /USERNAME xyz /OSERPASSWORD xxxxxx /EXISTS
- D. dtutil /DTS DailyLoad.dtsx /MOVE SQL; destPackage

---

**Answer: C**

---

---

### **Question: 299**

---

You maintain the SQL Server 2008 Integration Services (SSIS) instance for a healthcare device manufacturing company.

You develop a package named Memberinformation.dtsx with Windows authentication.

You deploy it to SQL Server. You need to validate Memberinformation.dtsx packages without package execution.

Which command syntax should you use?

- A. dtexec /sq Memberinformation /verifyv {a400e860-38d5-11c5-11ce-ae62-08002b2b79ef}
- B. dtexec /sq Memberinformation /ser productionServer /va
- C. dtexec /f "Z:\Memberinxformation.dtsx" /conf "Z:\Memberiniormationconfig.cfg"
- D. dtexec /f "2:\Member^nformation.dtsx" /l "DTS.LogProviderTextFile;2:\loginformation.txt"

---

**Answer: C**

---

---

### **Question: 300**

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You are a BI developer for a financial firm.

You are developing a SQL Server 2008 Integration Services (SSIS) instance to load 13 million records into TABLE\_C three times daily from TABLE\_A and TABLE\_B,

TABLE\_A is in DATABASE\_A hosted on SERVER\_A, TABLE\_B is in DATABASE\_B hosted on SERVER\_B, TABLE\_C is in DATABASE\_C hosted on SERVER\_C

You are logged on to SERVER\_C, You have read-only permissions on SERVER\_A and SERVER\_B, These two servers are on different domains with individual firewall settings.

You need to load the records into TABLE\_C by performing an inner join on TABLE\_A and TABLE\_B,

What should you do?

- A. Configure SERVER\_A and SERVER\_B as linked servers.
- B. Install the SSIS instance on both SERVER\_A and SERVER\_B
- C. Write store procedures to pull data from SERVER\_A and SERVER\_B
- D. Install the SSIS instance on SERVER\_C and develop an SSIS package with the merge join component.

---

**Answer: D**

---

### **Question: 301**

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You develop a package in SQL Server 2008 Integration Services (SSIS). You need to deploy the package so that it meets the following requirements:  
Only authorized users can view and execute the package.  
Users will NOT know the database credentials from within the package.  
The package should NOT be stored in the MSDB database.  
What should you do?

- A. Set the protection level to DontSaveSensitive.
- B. Set the protection level to EncryptSensitiveWithPassword.
- C. Set the protection level to ServerStorage.
- D. Set the protection level to EncryptAllWithUserKey.

---

**Answer: D**

---

Explanation:

EncryptAllWithUserKey

Encrypts the entire package by using keys based on the user profile. Only the same user using the same profile can load the package.

Note:

\* ProtectionLevel

The protection level of the package. The values are DontSaveSensitive, EncryptSensitiveWithUserKey, EncryptSensitiveWithPassword, EncryptAllWithPassword, and ServerStorage. The default value of this property is EncryptSensitiveWithUserKey.

Incorrect:

Not A: DontSaveSensitive

Sensitive information is not saved in the package. The sensitive information is removed and replaced with blanks.

Not C: ServerStorage

Encrypts the package within a SQL Server msdb database. This option is supported only when a package is saved to SQL Server. It is not supported when a package is saved to the File System.

The access control of who can decrypt the package is controlled by SQL Server database roles.

Not D: EncryptSensitiveWithPassword

Encrypts only sensitive information contained in the package by using a password. DPAPI is used for this encryption.

Reference: DTSProtectionLevel Enumeration

### **Question: 302**

---

You maintain the SQL Server 2008 Integration Services (SSIS) instance for a healthcare supply chain data management company. Your company uses a third-party event based scheduler. You develop a package named Memberinformation.dtsx and save it in the SSISpackages folder on the company network. You need to deploy this

package to the ProdSSISpackages file system on the production server. You need to rename the package to Memberinformation\_Prod.dtsx, and the event based scheduler will execute the renamed package. Which command syntax should you use?

- A. dtutil /FILE c:\ SSISpackages\MemberInformation.dtsx /DestServer DBPROD /COPY SQL; MemberInformation\_Prod.dtsx
- B. dtutil /SQL Member-Information /COPY DTS;c: \SSISpacckages\MemberInformation\_Prod
- C. dtutil /FILE c:\SSISpackages\MemberInformation.dtsx /COPY SQL; MemberInformation\_Prod.dtsx
- D. dtutil /FILE c:\SSISpackages\Memberinformation.dtsx /COPY FILE; W:\ProdSSISpackagea \MemberInformation Prod.dtax

---

**Answer: D**

---

### **Question: 303**

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You maintain a SQL Server 2008 Analysis Services (SSAS) server. You add two new measure groups to an existing cube. You need to deploy only one of these measure groups to the production environment with minimal impact to the cube.

What should you do?

- A. Update the Data Source View.
- B. Back up and restore the cube to the production environment.
- C. Use SQL Server Management Studio (SSMS) to issue an XMLA command.
- D. Use the Synchronize Database Wizard with appropriate options.

---

**Answer: C**

---

### **Question: 304**

---

You maintain a SQL Server 2008 Analysis Services (SSAS) server.

After several databases are deployed to the server, you notice that the drives are nearing capacity.

You need to move the data to drives with more space.

Which two actions should you perform? (Each correct answer presents part of the solution.

Choose two.)

- A. Reboot the server.
- B. Detach and reattach each database.
- C. Process the databases.
- D. Change the DataDir property for the server.

---

**Answer: C,D**

---

Explanation:

C, D: Datadir is the folder that stores the database files that tells SSAS what databases it has. It is also the default location for the data files for all your SSAS databases, but you can set the StorageLocation property on objects like partitions to move them to a different location.

If you change the DataDir property on the server you would need to re-deploy and re-process (or backup and restore).

Incorrect:

Not B: You can use database Detach and Attach Method option to move database files from one location to another location on the server. However, you would need to move them as well.

VendorID	VendorName
1	VendorA
2	VendorB
3	VendorC
4	VendorD
5	VendorE

### **Question: 305**

You develop a series of SQL Server 2008 Integration Services (SSIS) packages. There are dependencies among the packages. You need to configure the packages. Which configuration type should you use?

- A. Parent package variable
- B. Registry entry
- C. Environment variable
- D. XML configuration file

**Answer: D**

### **Question: 306**

You build and deploy a SQL Server 2008 Integration Services (SSIS) package. During package development, the XML configuration is not specified. You need to apply the configuration file to the deployed package stored in file system. Which parameter should you set in the dtexec command line utility?

- A. /conf
- B. /Check F
- C. /L
- D. /set

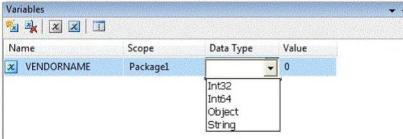
**Answer: A**

### **Question: 307**

#### **HOTSPOT**

You are an ETL developer for a mortgage company. In your application you have two tables named Vendor and Loan. Vendor sample data is shown in the following table:

Loan sample data is shown in the following table:



You need to build a SQL Server 2008 Integration Services (SSIS) package that meets the following requirements:

The package should be able to generate the Excel files dynamically.

Each file should have the vendor name as the prefix and the date as the suffix (e.g., VendorA\_DDMMYYYY.xlsx).

All the vendor names should be added to a variable and loop through the variable to generate and load separate files for each vendor dynamically.

Which type of variable should you create? (To answer, select the appropriate option in the dialog box in the answer area.)

---

**Answer:**

---

Name	Scope	Data Type	Value
VENDORNAME	Package1	String	0

---

**Question: 308**

---

You are implementing a disaster recovery strategy for SQL Server 2008 Reporting Services (SSRS).

You want to be able to restore the report catalog database in the event of a failure.

You need to back up the encryption key.

Which command line utility should you use?

- A. rs.exe
- B. dtutil.exe
- C. rsconfig.exe
- D. rskeymgmt.exe

---

**Answer: C**

---

---

**Question: 309**

---

You maintain a SQL Server 2008 Reporting Services instance.

Some users need to view and run reports in the Eastern Region folder on the Report Server.

You need to assign these users the minimum permissions required.

Which role should you use?

- A. Content Manager
- B. Publisher
- C. Report Builder
- D. Browser

---

**Answer: D**

---

---

**Question: 310**

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You are working as reporting administrator for a product development company. The company uses SQL Server 2008 Reporting Services (SSRS) deployed in native mode.  
You need to deploy multiple reports via InstallShield.  
Which three components are you required to use? (Each correct answer presents part of the solution. Choose three.)

- A. Report Builder
- B. rs.exe
- C. rsconfig utility
- D. ReportService2010.asmx
- E. .rss file

---

**Answer: B,C,E**

---

Explanation:

B: rs Utility (rs.exe) (SSRS)

Processes script you provide in an input file. Use this utility to automate report server deployment and administration tasks.

Example:

```
rs -i c:\scriptfiles\script_copycontent.rss -s http://localhost/reportserver
```

C: The rsconfig.exe utility encrypts and stores connection and account values in the RSReportServer.config file. Encrypted values include report server database connection information and account values used for unattended report processing.

E: The script [used as input to rs.exe] must be written in Visual Basic .NET code, and stored in a Unicode or UTF-8 text file with an .rss file name extension. You cannot debug scripts with the rs utility. To debug a script, run the code within Microsoft Visual Studio.

Incorrect:

Not A: Report Builder is a report authoring environment for business users who prefer to work in the Microsoft Office environment. When you design a report, you specify where to get the data, which data to get, and how to display the data. When you run the report, the report processor takes all the information you have specified, retrieves the data, and combines it with the report layout to generate the report.

Reference: rs Utility (rs.exe) (SSRS)

---

### **Question: 311**

---

You install and configure a SQL Server 2008 Reporting Services (SSRS) instance on a server named ReportServer in the domain ABC.Com. SSRS is using a local database.

You need to set SSRS to use a new domain user account named ReportUser. The password for ReportUser is Alphabet01.

Which script should you run?

- A. rsconfig -c -m ReportServer -s ReportServer -d reportserver -a SQL -u abc.com\ReportUser -p Alphabet01
- B. rsconfig -c -s ReportServer -d reportserver -a Windows -u abc.com\ReportUser -p Alphabet01
- C. rsconfig -c -s ReportServer -d reportServer -a Windows "abc.com\ReportUser Alphabet01"
- D. rsconfig -c -ra <ReportServer -s ReportServer -d reportserver -a Windows -u SA\ReportUser -p Alphabet01

---

**Answer: B**

---

---

### **Question: 312**

---

You develop a report by using SQL Server 2008 Reporting Services (SSRS).

The report has a dataset that contains 25 columns of data. You plan to render the dataset to a Microsoft Excel worksheet.

You need to implement drilldown technology when rendering to Excel.

Which type of data region should you use?

- A. list
- B. textbox
- C. rectangle
- D. matrix

---

**Answer: D**

---

### **Question: 313**

---

You administer a SQL Server 2008 Analysis Services (SSAS) instance.

You plan to troubleshoot query performance by using a Dynamic Management View (DMV).

You need to identify query sessions that execute more than 10 commands prior to disconnecting. Which DMV should you use?

- A. Discover\_Sessions
- B. Discover\_Traces
- C. Discover\_Commands
- D. Discover\_Connections

---

**Answer: A**

---

### **Question: 314**

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You maintain a SQL Server 2008 Analysis Services (SSAS) instance.

You plan to update only the Products dimension while processing the cube by using an XML for Analysis (XMLA) script.

You need to ensure that only the dimensions are updated.

What should you do?

- A. Execute a processDefault command.
- B. Execute a processIndex command.
- C. Execute a processUpdate command.
- D. Execute a processStructure command.

---

**Answer: C**

---

### **Question: 315**

---

You maintain a SQL Server 2008 Analysis Services (SSAS) instance. The instance contains a database that is used by the members of the Engineering group.

You configure a new role named Engineering and Design by using the following allowed permission set:

{[Employees].[Department].[Engineering and Design]}

You assign the Engineering group to the Engineering and Design role.

You need to ensure that users in the Engineering and Design role can only view data for their department.

What should you do?

LoanNumber(varchar(50))	VendorName(varchar(50))	LoanAmount (money)
I-100	VendorA	120000
I-200	VendorA	130000
I-300	VendorB	150000
I-400	VendorC	155000
I-500	VendorD	160000
I-600	VendorD	170000
I-700	VendorE	180000

- A. Add your account temporarily to the Engineering and Design role.
- B. Select the Enable Visual Totals check box for the Engineering and Design role.
- C. Add the Roles= [Engineering and Design]; parameter to the connection string.
- D. Add the User ID= [Engineering and Design]; parameter to the connection string.

**Answer: C**

### **Question: 316**

Your company network includes a SQL Server 2008 R2 database server with the SQL Server 2008 Analysis Services (SSAS) role enabled.

You design a cube named Materials with a measure group named MaterialsInventory. This group has a measure, QuantityOnHand, which shows the total stock in inventory for the company by time.

You need to determine the inventory at the end of a quarter.

What should you do?

- A. Define the MaterialsInventory group as a semi-additive measure group.
- B. Define the MaterialsInventory group as an additive measure group.
- C. Define the QuantityOnHand measure as an additive measure.
- D. Define the QuantityOnHand measure as a semi-additive measure.

**Answer: D**

### **Question: 317**

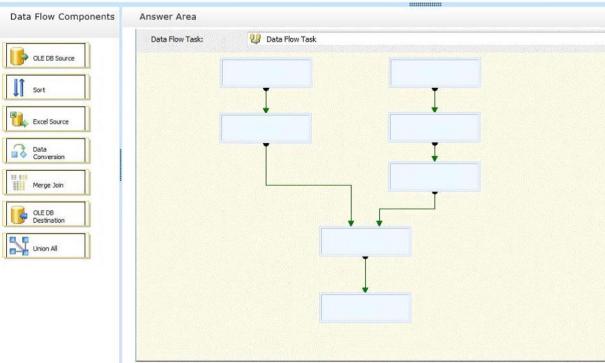
#### **DRAG DROP**

You are an ETL Developer for a mortgage company. You have two staging sources named Stg\_Vendor and Stg\_Loan that you need to load into a destination table named Loan. Stg\_Vendor is a Microsoft Excel source.

The following table shows Stg\_Vendor (Excel source) sample data:

The following table shows Stg\_Loan sample data:

The following table shows Loan sample data:



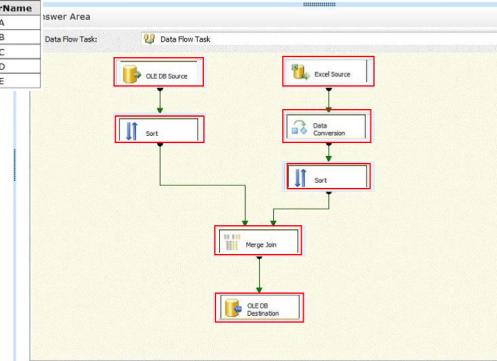
You need to build the ETL package.

What should you do? (To answer, drag the appropriate components to the correct locations in the answer area. Each component 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:**

---



**Explanation:**

**Note:**

- \* The excel data need to be converted.
- \* Before the Merge Join we sort both data.

## Question: 318

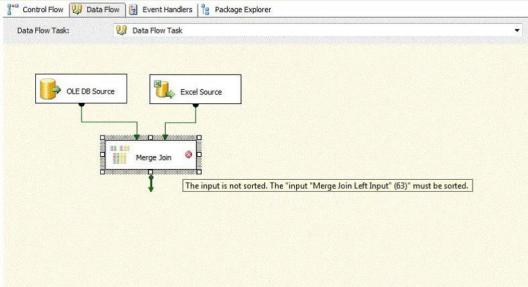
You are an ETL developer for a mortgage company. In your application you have to load data from a Microsoft Excel source and an OLE DB source.

The Excel source contains vendor data and has approximately 1000 records.

The OLE DB source contains loan data and has approximately 1,000,000 records.

Sample vendor data (Excel source) is shown in the following table:

Sample loan data (OLE DB source) is shown in the following table:



The CIO asks you to generate an Excel file with the loan list information for each vendor.

You build a SQL Server 2008 Integration Services (SSIS) package that can generate the Excel files dynamically. The Excel files should have the vendor name as the prefix and the date as the suffix (e.g., VendorA\_DDMMYYYY.xlsx). You get the error message shown in the exhibit. (Click the Exhibit button.) You need to sort both sources in order to merge join the data. What should you do?

- A. Sort the data in the select statement of the OLE DB source and use Sort transformation after the Excel source.
- B. Set the IsSorted property to True for OLE DB, sort the data in the select statement of the OLE DB source, and use Sort transformation after the Excel source.
- C. Set the IsSorted property to True for both the OLE DB and Excel sources.
- D. Use Sort transformation after the OLE DB source and set the IsSorted property to True for the Excel destination.

---

**Answer: B**

---

### Question: 319

---

You develop a SQL Server 2008 Integration Services (SSIS) package. You need to modify the package to log event data from a text file to the SQL Server database. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Modify the Flat File Destination.
- B. Modify the log provider.
- C. Move the package file to the new path.
- D. Modify the Connection Manager.

---

**Answer: B,D**

**Explanation:**

B: The SQL Server log provider, which writes log entries to the sysssislog table in a SQL Server database.

D: A package typically includes at least one connection manager. A connection manager is a link between a package and a data source that defines the connection string for accessing the data that the tasks, transformations, and event handlers in the package use. Integration Services includes connection types for data sources such as text and XML files, relational databases, and Analysis Services databases and projects.

Note: A log is a collection of information about the package that is collected when the package runs. For example, a log can provide the start and finish time for a package run. A log provider defines the destination type and the format that the package and its containers and tasks can use to log run-time information. The logs are associated with a package, but the tasks and containers in the package can log information to any package log. Integration Services includes a variety of built-in log providers for logging. For example, Integration Services includes log providers for SQL Server and text files. You can also create custom log providers and use them for logging.

**Incorrect:**

Not A: The destination is a SQL Server database, not a text file.

References: Integration Services (SSIS) Packages

---

### **Question: 320**

You work for an organization with global operations. You are responsible for the SQL Server 2008 Integration Services (SSIS) instance. You develop SSIS packages to load daily and weekly feeds.

These packages are deployed via the SQL Server method.

The servers reside in geographies with a high risk of natural disaster.

You need to implement a disaster recovery plan to back up the SSIS packages for availability.

What should you back up?

- A. The model database
- B. The package folder
- C. The master database
- D. The MSDB database

---

**Answer: D**

---

### **Question: 321**

You maintain a SQL Server 2008 Integration Services (SSIS) instance.

You develop a package that creates the temporary table \*employee\_stgl and then loads the data from an Excel source data flow task into \*employee\_stgl by using conditional transformation splits.

The package then loads the data into a destination table.

When you try to open the package, you get an error that reads, "Invalid object name #employee\_stgl."

You need to resolve this error message.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Set RetainSameConnection to True.
- B. Set RetainSameConnection to False.
- C. Set DelayValidation to True.
- D. Set DelayValidation to False.

---

**Answer: A,C**

**Explanation:**

A: ConnectionManagerOleDbClass.RetainSameConnection Property

Gets or sets a Boolean that indicates whether the connection manager retains the same connection.

C: DtsContainer.DelayValidation Property

Gets or sets a Boolean that indicates whether validation of the task is delayed until run time. The default value is false.

Note: Validating the package before it runs is a way of finding some errors before execution starts.

However, it processes the package to find errors, and if no errors are found, the package runs.

Because this goes through the package two times, validating a package increases the amount of processing for the package, so should be used only when necessary.

---

### **Question: 322**

You maintain a SQL Server 2008 Integration Services (SSIS) instance.

You use the Execute SQL task to create a table in a Control Flow. Following the Execute SQL task is a Data Flow task in which an OLE DB source component uses this table.

The package fails during runtime.

You need to delay the validation of a task in the Control Flow and the OLE DB source in the data flow.

Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

- A. Set the DelayValidation property for the Control Flow task to True.
- B. Set the ValidateExternalMetaData property for the OLE DB source to False.
- C. Set the ValidateExternalMetaData property for the OLE DB source to True.
- D. Set the DelayValidation property for the Control Flow task to False.

---

**Answer: A,B**

**Explanation:**

The DelayValidation property is available only in executables (e.g., Control Flow tasks, the package itself). The property isn't available in data flow components. If you want to change the behavior of a specific data flow component, you must set its ValidateExternalMetadata property to False.

---

### **Question: 323**

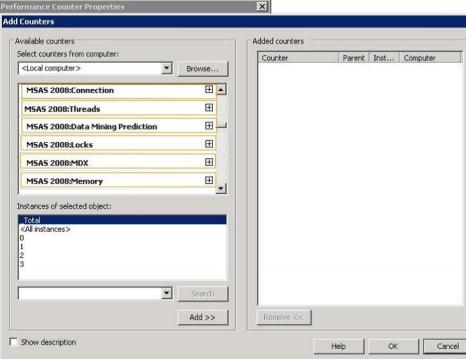
You design a report by using SQL Server 2008 Reporting Services (SSRS).

The report contains a dataset that has 25 million rows of data. The report is rendered by using the HTML rendering extension.

You need to ensure that users can view the report without delay during rendering.

What should you do?

- A. Set the PageHeight property to 0.



Property to 100.  
Property to 0.  
' to 100.

---

**Answer: D**

---

### Question: 324

---

#### HOTSPOT

You maintain a SQL Server 2008 Analysis Services (SSAS) database on a default instance.

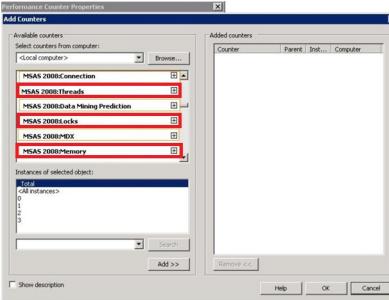
You need to collect information to determine if performance issues are related to hardware limitations or latch wait contention.

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

---

**Answer:**

---



### Question: 325

You maintain a SQL Server 2008 Analysis Services (SSAS) instance.  
 You need to configure the analysis services query log for the SSAS instance.  
 Which tool should you use?

- A. SQL Server Error and Usage Reporting
- B. SQL Server Business Intelligence Development Studio
- C. SQL Server Management Studio
- D. SQL Server Configuration Manager

---

**Answer: C**

---

### Question: 326

You maintain a SQL Server 2008 Analysis Services (SSAS) instance.  
 You have a cube that contains an unprocessed dimension.  
 When a user attempts to process the cube, the dimension data is not refreshed.  
 You need to allow the user to refresh the dimension data only.  
 Which permissions should you grant the user?

- A. Read-only on the dimension
- B. Read/write permissions on the cube

- C. Process on the dimension
- D. Read and process on the cube

---

**Answer: C**

---

### **Question: 327**

---

You manage a SQL Server 2008 Analysis Services (SSAS) data warehouse for a school district. All tests are administered via a third-party application. Results are collected in your SSAS data warehouse and moved to a Scores fact table for analysis. This warehouse also includes a Student Dimension which contains attributes related to each student. The school year is starting, and the district administration wants the Student Dimension updated hourly so that new students can be identified and tracked. However, test scores located in the Scores fact table should not be updated as part of this incremental processing strategy. You need to implement this functionality. Which option should you use?

- A. Process Update
- B. Process Add
- C. Process Index
- D. Process Full

---

**Answer: B**

---

### **Question: 328**

---

Your organization has five departments. You are developing a SQL Server 2008 Integration Services (SSIS) project to calculate salary increases and bonuses under each particular manager. You need to develop a master package that meets the following requirements: It must give each department a different ID. These department IDs must pass on to each individual dependency package inside the master package. Each dependency package should have individual security settings to accept department ID as a variable from its master package. Which configuration method should you choose from the SSIS configuration options?

- A. SQL Server
- B. Parent package variable
- C. XML configuration file
- D. Environment variable

---

**Answer: B**

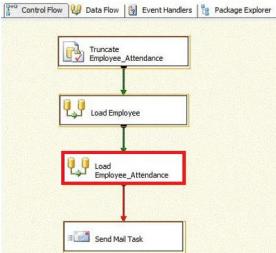
---

### **Question: 329**

---

#### **HOTSPOT**

You are working as an ETL developer for a payroll company. You configure a SQL Server 2008 Integration Services (SSIS) package to use checkpoints. The SSIS package truncates the dbo.Employee\_Attendance table, loads the new employees in the dbo.Employee



Then loads dbo.Employee\_Attendance for a particular month.

Fails at the Derived Column transformation within the data flow task.

You need to determine where the package execution will begin after you correct the errors and run the package again. Where does the package execution begin? (To answer, select the appropriate task in the control flow.)

---

**Answer:**

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### **Question: 330**

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You are developing a SQL Server 2008 Integration Services (SSIS) package. The package performs the following tasks:  
Processes multiple files by using a ForEach Loop container.  
Imports the contents of the files to a table by using a Data Flow task.  
Logs the results of the status into a table by using an Execute SQL task.  
You need to ensure that all the tasks of the package execute within a single transaction.  
What should you do?

- A. In the ForEach Loop container, configure the TransactionOption property to NotSupported.
- B. In the package, configure the TransactionOption property to Required.
- C. In the Data Flow task, configure the TransactionOption property to Required.
- D. In the package, configure the TransactionOption property to NotSupported.

---

**Answer: B**

---

### **Question: 331**

---

You maintain a SQL Server Integration Services (SSIS) instance that uses Windows Authentication.

You need to determine if there is a package named DailyLoad in the MSDB database on the local instance of SQL Server.

Which dtutil command syntax should you use?

- A. dtutil /SQL DailyLoad /EXISTS
- B. dtutil /SQL DailyLoad /USERNAME xyz /USERPASSWORD xxxxxx /EXISTS
- C. dtutil /DTS DailyLoad.dtsx /MOVE SQL;destPackage
- D. dtutil /File W:/DailyLoad.dtsx /EXISTS

---

**Answer: A**

---

### **Question: 332**

---

You manage the security in SQL Server 2008 Reporting Services (SSRS). The report server contains a folder named Human Resources Reports.

All groups can view and modify reports in any folder.

You need to ensure that only the Human Resources group can view and modify reports in the Human Resources Reports folder.

What should you do? (Each correct answer presents part of the solution. Choose two.)

- A. Remove all groups from the Human Resources Reports folder.
- B. Assign the Human Resources group to the root folder.
- C. Add the Human Resources group to the Human Resources Reports folder and assign the Content Manager role.
- D. Create a Human Resources role and assign it to the Human Resources Reports folder.

---

**Answer: A,C**

---

Explanation:

A: Need to remove access to all users.

C: With the Content Manager role the Human Resources group can view and modify the folder.