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## Implementing Data Models and Reports with Microsoft SQL Server 2014

Microsoft 70-466

Version Demo

Total Demo Questions: 10

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## Topic Break Down

Topic	No. of Questions
Topic 1, Case Study 1	9
Topic 2, Case Study 2	12
Topic 3, Case Study 3	13
Topic 4, Mixed Questions	155
<b>Total</b>	<b>189</b>

## QUESTION NO: 1

You need to deploy the StandardReports project at the end of the current business day.

What should you do? (Each correct answer presents a complete solution. Choose all that apply.)

- A. Use the Analysis Services Deployment utility to create an XMLA deployment script and run it at the end of the day.
- B. Use the Analysis Services Deployment wizard to create an MDX deployment script and run it at the end of the day.
- C. Use the Analysis Services Deployment wizard to create an XMLA deployment script and run it at the end of the day.
- D. Deploy the project from SQL Server Data Tools (SSDT) at the end of the day.

**ANSWER: C D**

## QUESTION NO: 2 - (HOTSPOT)

HOTSPOT

A sales cube contains two years of data.

The sales team must see year-over-year (YOY) and month-over-month (MOM) sales metrics.

You need to modify the cube to support the sales team's requirements.

Which Business Intelligence Wizard enhancements should you use? (To answer, configure the appropriate option or options in the dialog box in the answer area.)

**Hot Area:**

**Business Intelligence Wizard**

## Choose Enhancement

Choose the enhancement that you want to add.

Available enhancements:

- Define time intelligence
- Define account intelligence
- Define dimension intelligence
- Specify a unary operator
- Create a custom member formula
- Specify attribute ordering
- Define semiadditive behavior
- Define currency conversion

Description:

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ANSWER:



## QUESTION NO: 3 - (DRAG DROP)

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) cube.

You need to add a calculated member to the Customer dimension to evaluate the sum of values for the United Kingdom and the United States. Which expression should you use? (To answer, drag the appropriate expression to the answer area.)

**Select and Place:**

Expressions	Answer Area
<code>{Customer}.[Customer Geography].[Country].&amp;[United Kingdom] &amp; {Customer}.[Customer Geography].[Country].&amp;[United States]</code>	CREATE MEMBER CURRENTCUBE.[Customer].[Customer Geography].[All].[UK and USA] AS
<code>{(Customer).[Customer Geography].[Country].&amp;[United Kingdom],[Customer].[Customer Geography].[Country].&amp;[United States]}</code>	Expression
<code>{Customer}.[Customer Geography].[Country].&amp;[United Kingdom] UNION {Customer}.[Customer Geography].[Country].&amp;[United States]</code>	
<code>SUM({(Customer).[Customer Geography].[Country].&amp;[United Kingdom],[Customer].[Customer Geography].[Country].&amp;[United States]})</code>	
<code>SUM({(Customer).[Customer Geography].[Country].&amp;[United Kingdom],[Customer].[Customer Geography].[Country].&amp;[United States]})</code>	

**ANSWER:**

Expressions	Answer Area
<code>{Customer}.[Customer Geography].[Country].&amp;[United Kingdom] &amp; {Customer}.[Customer Geography].[Country].&amp;[United States]</code>	CREATE MEMBER CURRENTCUBE.[Customer].[Customer Geography].[All].[UK and USA] AS
<code>{(Customer).[Customer Geography].[Country].&amp;[United Kingdom],[Customer].[Customer Geography].[Country].&amp;[United States]}</code>	<code>SUM({(Customer).[Customer Geography].[Country].&amp;[United Kingdom],[Customer].[Customer Geography].[Country].&amp;[United States]})</code>
<code>{Customer}.[Customer Geography].[Country].&amp;[United Kingdom] UNION {Customer}.[Customer Geography].[Country].&amp;[United States]</code>	
<code>SUM({(Customer).[Customer Geography].[Country].&amp;[United Kingdom],[Customer].[Customer Geography].[Country].&amp;[United States]})</code>	

## QUESTION NO: 4 - (DRAG DROP)

DRAG DROP

You are developing a SQL Server Analysis Services (SSAS) cube.

You need to reuse a measure group from a different database.

In SQL Server Data Tools (SSDT), which three actions should you perform in sequence? (To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.)

**Select and Place:**

From the **Select a Data Source** step, reference the Analysis Services data source.

From the **Select Objects** step, select the measure group and the dimensions that you need to link.

Launch the Linked Object Wizard.

Launch the Business Intelligence Wizard.

From the **Select Objects** step, select only the measure group that you need to link.

## ANSWER:

Launch the Linked Object Wizard.

From the **Select Objects** step, select the measure group and the dimensions that you need to link.

From the **Select a Data Source** step, reference the Analysis Services data source.

Launch the Business Intelligence Wizard.

From the **Select Objects** step, select only the measure group that you need to link.

## Explanation:

Note:

\* You can use the Linked Object Wizard to either link to or import cubes, dimensions, measure groups, calculations, and Key Performance Indicators (KPIs). You can link to or import these items from another database on the same server or from a database on a remote server

\* On the Select a Data Source page of the Linked Object Wizard, choose the Analysis Services data source or create a new one.

\* On the Select Objects page of the wizard, choose the dimensions you want to link to in the remote database. You cannot link to linked dimensions in the remote database.

\* Incorrect Answers:

- The Business Intelligence Wizard can guide you through some or all the following steps:
  - Define time intelligence for cubes.
  - Define account intelligence for cubes and dimensions.
  - Define dimension intelligence for cubes and dimensions. ▪ Define unary operators for cubes.
  - Set custom member formulas for cubes and dimensions.
  - Specify attribute ordering for dimensions.
  - Enable dimension writeback for dimensions.
  - Define semi-additive behavior for cubes. ▪ Define currency conversion for cubes.

Reference: Using Linked Objects in a Cube

## QUESTION NO: 5

You need to configure per-user security authentication for reporting against the Sales cube.

What should you do? (Each correct answer presents part of the complete solution. Choose all that apply.)

- A. Create Service Principal Names (SPNs).
- B. Enable forms-based authentication.
- C. Configure account delegation.
- D. Enable mixed-mode authentication.

**ANSWER: A D**

## QUESTION NO: 6

You are developing a SQL Server Reporting Services (SSRS) sales summary report.

The report header consists of several images. Report users require PDF exports of the report with no bulky images of the report header.

You need to ensure that the header of the report is hidden when a user exports the report to PDF format.

What should you do? (More than one answer choice may achieve the goal. Select the BEST answer.)

- A. Set the Hidden property of the report header to (Globals!RenderFormat.Name = "PDF").
- B. Set the Hidden property of the report header to (Globals!RenderFormat.IsInteractive = False).
- C. Set the Hidden property of the report header to FALSE.
- D. Set the Hidden property of the report header to TRUE.

**ANSWER: A**

## QUESTION NO: 7 - (HOTSPOT)

HOTSPOT

You are designing a SQL Server Analysis Services (SSAS) cube that contains two measure groups named Sales History and Current Sales.

The Sales History measure group has the following characteristics:

- Data changes on a monthly basis.
- The measure group contains a very high data volume.
- Queries that use the measure group only reference aggregate data.
- The measure group includes SUM, MIN, MAX, and COUNT aggregate functions.

The Current Sales measure group has the following characteristics:

- Data changes frequently.
- The measure group contains a low data volume.
- Queries that use the measure group often reference non-aggregate data.
- The measure group includes SUM, MIN, MAX, and COUNT aggregate functions.

You need to select a storage mode for each measure group. The solution must meet the following requirements:

- For the Sales History measure group, query performance must be optimized over data latency.
- For the Current Sales measure group, data latency must be optimized over query performance.

What should you do? To answer, select the appropriate storage mode for each measure group in the answer area.

**Hot Area:**

**Answer Area**

Sales History	Current Sales
<input type="text"/> Real-time ROLAP Real-time HOLAP Low-latency MOLAP Medium-latency MOLAP Automatic MOLAP Scheduled MOLAP MOLAP	<input type="text"/> Real-time ROLAP Real-time HOLAP Low-latency MOLAP Medium-latency MOLAP Automatic MOLAP Scheduled MOLAP MOLAP

**ANSWER:**

## Answer Area

Sales History	Current Sales
<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <input type="text"/> </div> <ul style="list-style-type: none"> <li>Real-time ROLAP</li> <li>Real-time HOLAP</li> <li>Low-latency MOLAP</li> <li>Medium-latency MOLAP</li> <li>Automatic MOLAP</li> <li style="background-color: #d9ead3;">Scheduled MOLAP</li> <li>MOLAP</li> </ul> </div>	<div style="border: 1px solid black; padding: 5px;"> <div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <input type="text"/> </div> <ul style="list-style-type: none"> <li>Real-time ROLAP</li> <li style="background-color: #d9ead3;">Real-time HOLAP</li> <li>Low-latency MOLAP</li> <li>Medium-latency MOLAP</li> <li>Automatic MOLAP</li> <li>Scheduled MOLAP</li> <li>MOLAP</li> </ul> </div>

## QUESTION NO: 8

You manage a SQL Server Reporting Services (SSRS) instance.

An application must pass credentials to the local security authority for Reporting Services.

You need to configure Reporting Services to issue a challenge/response when a connection is made without credentials.

Which authentication type should you configure in the RSReportServer.config file?

- A. RSWindowsKerberos
- B. RSWindowsNegotiate
- C. RSWindowsNTLM
- D. RSWindowsBasic

**ANSWER: D**

**Explanation:**

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

## QUESTION NO: 9

You are developing a SQL Server Analysis Services (SSAS) tabular project. The model has tables named Invoice Line Items and Products.

The Invoice Line Items table has the following columns: ▪ Product Id

- Unit Sales Price

The Unit Sales Price column stores the unit price of the product sold.

The Products table has the following columns:

- Product Id
- Minimum Sales Price

The Minimum Sales Price column is available only in the Products table.

You add a column named Is Undersell to the Invoice Line Items table. The Is Undersell column must store a value of TRUE if the value of the Unit Sales Price is less than the value of the Minimum Sales Price. Otherwise, a value of FALSE must be stored.

You need to define the Data Analysis Expressions (DAX) expression for the Is Undersell column.

Which DAX formula should you use? (Each answer represents a complete solution. Choose all that apply.)

- A.** =IF([Unit Sales Price]< RELATED(Products[Minimum Sales Price]), TRUE, FALSE)
- B.** =IF (RELATED(Products[Unit Sales Price])< [Minimum Sales Price], TRUE, FALSE)
- C.** =IF([Unit Sales Price]< LOOKUPVALUE(Products[Minimum Sales Price], Products[Product Id], [Product id]), TRUE, FALSE)
- D.** =IF(LOOKUPVALUE (Products[Unit Sales Price], Products[Product Id], [Product id])<[ Minimum Sales price]), TRUE, FALSE)

**ANSWER: A C**

### Explanation:

A: RELATED Function

Returns a related value from another table.

The RELATED function requires that a relationship exists between the current table and the table with related information.

You specify the column that contains the data that you want, and the function follows an existing many-to-one relationship to fetch the value from the specified column in the related table.

C: The lookupvalue function returns the value in result\_columnName for the row that meets all criteria specified by search\_columnName and search\_value.

Syntax:

LOOKUPVALUE( , , [, ]...)

Note:

The syntax of DAX formulas is very similar to that of Excel formulas, and uses a combination of functions, operators, and values.

**QUESTION NO: 10**

You have a database named database1. Database developers report that there are many deadlocks. You need to implement a solution to monitor the deadlocks.

The solution must meet the following requirements:

- Support real-time monitoring.
- Be enabled and disabled easily.
- Support querying of the monitored data.

What should you implement? More than one answer choice may achieve the goal. Select the BEST answer.

- A.** An Extended Events session
- B.** A SQL Server Profiler template
- C.** Log errors by using trace flag 1204
- D.** Log errors by using trace flag 1222

**ANSWER: A**

**Explanation:**

There are a few ways you can track down queries that are causing deadlocks. For example, you can use the Deadlock Graph as shown in the previous tip SQL Server Profiler Graphical Deadlock Chain. Another solution is using a trace flag to write the deadlock information to the error log. You can also implement trace flag 1222 to do just that.

References: <https://www.mssqltips.com/sqlservertip/2130/finding-sql-server-deadlocks-using-trace-flag-1222/>