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Exam : **070-466**

Title : Implementing Data Models and Reports with Microsoft SQL Server 2014

Version : Demo

1. Topic 1, Tailspin Toys

Tailspin Toys is a multinational company that manufactures toys. Tailspin Toys has offices in five regions worldwide. The company sells toys at various retail stores. The company also sells toys directly to consumers through a web site.
The company has the following departments:
• Sales
• Distribution
• Manufacturing
Each department has an office in each region.
The fiscal calendar of Tailspin Toys runs from June to May.
The network contains a server farm that has Microsoft SharePoint Server 2013 installed.

Existing Environment
Current Database Environment
Each department uses SharePoint team sites for internal collaboration.
All manufacturing information is stored in a relational database named Manufacturing. All sales information is stored in a relational database named Sales.
Tailspin Toys deploys SQL Server Analysis Services (SSAS) and configures SSAS to use tabular models. SSAS will be used for all sales reports.
Tailspin Toys deploys a SQL Server Reporting Services (SSRS) instance in SharePoint mode.

Sales Database
A database named Sales contains two tables named FactSales and DimProduct.
FactSales contains the following columns:
• SalesID
• Total Due
• OrderDate

DimProduct contains the following columns:
• ProductID
• ProductName
• ProductCategory
• ProductSubcategory

The Sales database contains information about the products. Most of the products have a category and a subcategory. Certain products only have a category.

A sample from DimProduct is shown in the following table.

ProductID	ProductName	ProductCategory	ProductSubcategory
1	Balsa wood Flyer	Plane	Classic
2	Radio Controlled Flyer	Plane	Radio Controlled
3	Plastic Model	Model	Model

Requirements

Security Requirements

Tailspin Toys identifies the following security requirement:

• Sales department users must be allowed to view the sales transactions from their region only.
• Sales department users must be able to view the contents of the manufacturing reports.
• Manufacturing department users must be able to create new manufacturing reports.
• Third-party and custom solutions must NOT be deployed to the reporting server.
• Sales department users must NOT be able to create new manufacturing reports.

Planned Reporting Implementation

The manufacturing department plans to use the SSRS instance for its reports. The manufacturing department also plans to make its reports accessible from SharePoint. All manufacturing reports will use an existing database named Manufacturing.

Reporting Requirements

Tailspin Toys identifies the following reporting requirements:

• All reports must contain the company logo and a header that contains the date and the time that the report was executed.
• All reports must be created by using the SQL Server Data Tools.

Manufacturing report

You plan to create a report named ManufacturingIssues.rdl. The report has the following requirements:

• Manufacturing department managers must be able to view product issues by product type, manufacturing plant location, and error type.
• The manufacturing department managers must be able to change views by choosing options from drop-down lists.

Sales reports

You plan to create a sales report named RegionalSales.rdl. The report has the following requirements:

• Users must be able to view the report by using a web browser. By default, subcategories and product details must be hidden when using the browser.
• Users must be able to subscribe to receive the report by email. The report must be sent by email as a PDF attachment.

You plan to create a quarterly sales report named QuarterSales.rdl. The report must display sales data by fiscal quarter.

Technical Requirements

Tailspin Toys identifies the following technical requirements:

• Products in the DimProduct table that do NOT have a subcategory must use the category value as the subcategory value.
• SSRS must NOT connect to databases more frequently than once every 30 minutes.
• Sales department users must be able to use Microsoft Excel to browse tabular data.

You need to recommend a solution for the sales department that meets the security requirements.
What should you recommend?
A. Create one role for all of the sales department users. Add a DAX filter that reads the current user name and retrieves the user's region.
B. Create one role for each region. Configure each role to have read access to a specific region. Add the sales department users to their corresponding role.
C. Create a table for each region. Create a role for each region. Grant each role read access to its corresponding table.
D. Create one role for all of the sales department users. Configure the role to have read access to the sales transactions. Ensure that all of the reports that access the sales transaction data restrict read access to the data from the corresponding sales department region only.
Answer: C
Explanation:
Scenario: Tailspin Toys identifies the following security requirement:
• Sales department users must be allowed to view the sales transactions from their region only.
• Sales department users must be able to view the contents of the manufacturing reports.
• Sales department users must NOT be able to create new manufacturing reports.

2.You need to configure the dataset for the ManufacturingIssues report. The solution must meet the technical requirements and the reporting requirements.
What should you do?
A. Configure the dataset to use a stored procedure. Add the necessary parameters to the stored procedure.
B. Add a query to retrieve the necessary data from the database. Configure the dataset to use query parameters.
C. Add a query to retrieve the necessary data from the database. Configure the dataset to use filter parameters.
D. Configure the dataset to use a table. Ensure that the database has a table that contains the necessary information.
Answer: B

3.You need to ensure that all reports meet the reporting requirements.
What is the best way to achieve the goal? More than one answer choice may achieve the goal. Select the BEST answer.
A. Create a report part. Publish the report part to a server that has SSRS installed. Add the report part to each new report that is created.
B. Create a report part. Publish the report part to a SharePoint site. Add the report part to each new report that is created.
C. Create a report. Copy the report to source code control. Create each new report by using the report template in source code control.
D. Create a report. Copy the report to the PrivateAssemblies\ProjectItems\ReportProject folder in the Visual Studio directory. Create each new report by using the locally stored report
Answer: D

4.You need to configure a hierarchy for DimProduct that meets the technical requirements.
What should you do?
A. Set ProductName as the parent of ProductSubCategory and set ProductSubcategory as the parent of ProductCategory. For ProductSubcategory, click Hide if Name Equals Parent.
B. Set ProductCategory as the parent of ProductSubCategory and set ProductSubcategory as the parent of ProductName. For ProductSubcategory, click Hide if Name Equals Parent.
C. Set ProductName as the parent of ProductSubcategory and set ProductSubCategory as the parent of ProductCategory. For ProductCategory, click Hide if Name Equals Parent.
D. Set ProductCategory as the parent of ProductSubcategory and set ProductSubCategory as the parent of ProductName. For ProductCategory, click Hide if Name Equals Parent.
Answer: B

5.You need to recommend a solution to meet the requirements for the ManufacturingIssues.rdl report.
What is the best solution that you should include in the recommendation? More than one answer choice may achieve the goal. Choose the BEST answer.
A. Add a dataset to the report that uses an ad hoc SQL statement. Configure the dataset to include the parameters required for the different views. Add a dataset for each parameter created. Configure each parameter to use the values in the dataset.
B. Add a dataset to the report that uses an ad hoc SQL statement. Configure the dataset to include the parameters required for the different views. Update each parameter to use a set of values from Report Designer.
C. Add a dataset to the report that uses an ad hoc SQL statement. Configure the dataset to include the parameters required for the different views. Use the default display for the parameters.
D. Add a dataset to the report that uses a stored procedure. Configure the dataset to include the parameters required for the different views. Update each parameter to use a set of values from Report Designer.
Answer: C