Recertification for MCSE: Business Intelligence

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

A. Create Service Principal Names (SPNs).

B. Configure account delegation.

C. Enable forms-based authentication.

D. Enable mixed-mode authentication.

Answer(s): A,D

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2. You have a data warehouse named DW1.

A. Low-latency MOLAP

B. Scheduled MOLAP

C. Medium-latency MOLAP

D. Automatic MOLAP

Answer(s): D

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3. You are developing a SQL Server Analysis Services (SSAS) tabular project.

A. Process

B. ReadDefinition

C. Browser

D. Explorer

E. Select

F. Read

Answer(s): F

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4. You maintain a multidimensional Business Intelligence Semantic Model (BISM) that was developed with default settings.

A. Process Data

B. Process Default

C. Process Add

D. Process Index

E. Process Full

F. Process Clear

Answer(s): C

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5. You are developing a SQL Server PowerPivot workbook that sources data from a SQL Azure database. The PowerPivot model includes a single table named FactSales that consists of four columns named Year, Country, Product, and Revenue. The model includes the following two measures.

A. = [Sales] / CALCULATE([Sales])

B. = [sales] / [Sales](ALLEXCEPT(FactSales, FactSales[Year]))

C. = [sales] / CALCULATE([Sales], VALUES(FactSales[Year]), VALUES(FactSales[Country]))

D. = [sales] / [Sales](ALLSELECTED(FactSales))

Answer(s): D

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6. A group of report writers develop reports. The report writers currently use Report Builder

A. Create report models by using SQL Server Data Tools (SSDT). Include data sources and data source views for each department's data requirements. Configure each data source to use integrated security.

B. Create one shared data source that uses integrated security. Create an embedded dataset for each report.

C. Create one shared data source that uses integrated security. Create one shared dataset that includes all tables required by the report writers.

D. Create one shared data source that uses integrated security. Create a shared dataset for each department's data requirements.

Answer(s): D

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7. A multinational retailer has retail locations on several continents. A single SQL Server Reporting Services (SSRS) instance is used for global reporting.

A. ="Server=@ServerName;Initial Catalog=RevenueData"

B. ="Data Source=" &Parameters!ServerName.Value& ";Initial Catalog=RevenueData"

C. ="Server=" &Parameters!ServerName.Value& ";Initial Catalog=RevenueData"

D. ="Data Source=@ServerName;Initial Catalog=RevenueData"

E. ="Server=" & Parameters!ServerName.Value

Answer(s): B

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8. You are managing a SQL Server Reporting Services (SSRS) instance in native mode. A role named Folder Access Controller is present on the server.

A. View reports

B. Manage data sources

C. View models

D. Manage folders

Answer(s): D

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9. You need to ensure that managers can successfully run reports.

A. Implement Kerberos delegation.

B. Configure the CustomData property in the connection strings.

C. Implement forms-based authentication.

D. Configure the SSRS data sources to store Windows credentials.

Answer(s): A

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10. You are troubleshooting query performance for a SQL Server Analysis Services (SSAS) cube.

A. Execute MDX Script Begin

B. Progress Report Begin

C. Get Data From Aggregation

D. Query Begin

E. Query Subcube

F. Calculate Non Empty Begin

Answer(s): D

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11. You are deploying the Research model.

A. Create a SQL Server Integration Services (SSIS) package that imports data from MarketResearch.xlsx nightly. Load the data to CUBE1.

B. Import MarketResearch.xlsx to a new tabular database on the Tabular instance.

C. Assign the Tabular instance service account permissions to the MarketResearch.xlsx network location.

D. Upload MarketResearch.xlsx to Library1.

Answer(s): C

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12. You are developing a BI Semantic Model (BISM) based on a simple and small dataset sourced from SQL Server. The data size and complexity of the data relationships will not change. The model will be used to produce reports in Power View. The reports will show the relationship between product sales and rainfall over time.

A. a tabular project that uses the DirectQuery query mode

B. a tabular project that uses the In-Memory query mode

C. a multidimensional project that uses the ROLAP storage mode and columnstore indexes

D. a multidimensional project that uses the MOLAP storage mode and proactive cache

E. a PowerPivot workbook that is deployed to Microsoft SharePoint Server 2010

Answer(s): A,B,E

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13. You need to design the recovery strategy for SSRS01.

A. Restore the msdb database.

B. Restore the ReportServer and ReportServerTempDB databases with recovery.

C. Restore the database encryption key.

D. Restore the ReportServer and ReportServerTempDB databases with no recovery.

E. Re-create the SQL Server Agent jobs that are used to trigger schedules.

F. Restore the Report Server encryption key.

Answer(s): B,E,F

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14. An existing cube dimension that has 30 attribute hierarchies is performing very poorly. You have the following requirements:

A. Set the AttributeHierarchyOptimizedState property to FullyOptimized on the attribute hierarchies.

B. Create user-defined hierarchies. For the attributes sourced by the levels of the user-defined hierarchies, set the RelationshipType property to Rigid. Run incremental processing.

C. set the AggregateFunction property to Sum on all measures. Use the SCOPE statement in a Multidimensional Expressions (MDX) calculation to tune the aggregation types.

D. Remove as many attribute hierarchies as possible from the dimension. Reintroduce the information in the attribute hierarchies as properties. Implement natural hierarchies and set the AttributeHierarchyVisible property to False for attributes used as levels in the natural hierarchies.

Answer(s): D

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15. You are developing a SQL Server Analysis Services (SSAS) multidimensional database.

A. Use the SQL Server Data Tools Dimension Wizard and generate a time table on the server.

B. Add an existing SSAS database time dimension as a cube dimension.

C. Create a time dimension by using the Define time intelligence option in the Business Intelligence Wizard.

D. Create a CSV file with time data and use the DMX IMPORT statement to import data from the CSV file.

E. Use the SQL Server Data Tools Dimension Wizard and generate a time table in the data source.

F. Create a time dimension by using the Define dimension intelligence option in the Business Intelligence Wizard.

G. Create a script by using a sample time dimension from a different multidimensional database. Then create a new dimension in an existing multidimensional database by executing the script.

H. Use the SQL Server Data Tools Dimension Wizard and generate a time dimension by using the Use an existing table option.

Answer(s): A

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16. You need to re-establish subscriptions on SSRS01.

A. Use the SQL Server Configuration Manager to reset the SQL Service account credentials.

B. Restore the ReportServerTempDB database.

C. Start the SQL Server Agent on SSRS01.

D. Restore the ReportServer database.

Answer(s): C

17. You need to restrict access to data in the tables in the data warehouse.

A. Configure column-level permissions.

B. Configure database roles.

C. Create views and grant permissions to the views.

D. Configure application roles.

Answer(s): C

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18. You are developing a SQL Server Analysis Services (SSAS) tabular project. A model defines a measure named Profit and includes a table named Date. The table includes year, semester, quarter, month, and date columns. The Date column is of data type Date. The table contains a set of contiguous dates.

A. Use the Business Intelligence Wizard and then use the Define time intelligence enhancement.

B. Define the following calculation.Year Over Year Profit Growth:=CALCULATE([Profit], DATEADD('Date'[Date], 1, YEAR))

C. Define the following calculation.Year Over Year Profit Growth:=[Profit] CALCULATE([Profit], SAMEPERIODLASTYEAR('Date'[Date]))

D. Define the following calculation.Year Over Year Profit Growth:=[Profit] CALCULATE([Profit], PARALLELPERIOD('Date'[Date], -12, MONTH))

Answer(s): A,D

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19. You are designing a SQL Server Integration Services (SSIS) solution. The solution will contain an SSIS project that includes several SSIS packages. Each SSIS package will define the same connection managers and variables.

A. Use a project deployment model. Modify connection manager properties to use project parameters. Ensure that the SSISDB database is created.

B. Use a package deployment model. Use a SQL Server package configuration with a common filter. Change the contents of the SSIS Configurations table at runtime.

C. Use a project deployment model. Configure connections in an XML configuration file referenced by an environment variable that corresponds to the SQL Server environment of each SSIS package.

D. Use a package deployment model. Save each SSIS package to a file share that can be accessed from all environments.

Answer(s): A

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20. You need to configure the SSRS data source.

A. Configure Kerberos authentication.

B. In the data source configuration window, select the Prompt for credentials option.

C. Store the credentials.

D. Create a .NET form to enable users to enter their credentials.

Answer(s): C
