

MICROSOFT 70-466 EXAM QUESTIONS & ANSWERS

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MICROSOFT 70-466 EXAM QUESTIONS & ANSWERS

Exam Name: Implementing Data Models and Reports with Microsoft SQL Server 2012

Certkiller

QUESTION 1

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

An Analysis Services project you are developing contains multiple dimensions. The attributes in one of the dimensions include a parent-child hierarchy, a key attribute and two regular attributes.

Users are able to view all the hierarchies when they view the dimension.

How can you hide a hierarchy from the users?

- A. By setting a value of False for the AttributeHierarchyEnabled property.
- B. By setting a value of False for the AttributeHierarchyVisible property.
- C. By setting a value of NotOptimized for the AttributeHierarchyOptimized property.
- D. By setting a value of False for the AttributeHierarchyOrdered property.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

You have been hired as a Business Intelligence (BI) developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A junior developer has created a multidimensional Microsoft SQL Server Analysis Services project. The processing performance of the dimensions in the project needs to be optimized to improve performance.

All dimension attributes in one of the dimensions directly relate to the key attribute. Relationships between the non-key attributes are supported by the data in the dimension.

How can you increase the processing performance of the dimension?

- A. By modifying the default processing priority of the dimension.
- B. By configuring EncourageGrouping as the setting for the GroupingBehavior property.
- C. By defining attribute relationships within the dimension.
- D. By configuring DiscourageGrouping as the setting for the GroupingBehavior property.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

You have been hired as a Business Intelligence (BI) developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

The data warehouse contains a database with 10 terabytes of data. The volume of data is forecast to increase by 10% every week.

You are developing a BISM model to analyze the database. The model will be queried by users using Microsoft Excel 2010. A Windows Server 2008 R2 server with dual quad-core processors and 32GB of RAM has been purchased to host the model.

Queries to your model must be scalable and run as quickly as possible.

What should you do?

- A. You should create a multidimensional project.
- B. You should create configure a tabular model using an in-memory cache.
- C. You should configure InMemory With DirectQuery in a tabular model.
- D. You should configure DirectQuery in a tabular model.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

An Analysis Services cube you are developing for the IT department contains a measure group named Ping Times. The IT Manager has a program that sends pings to servers on the network to test their network response times and records the information in a database.

One measure in the Ping Times measure group will be used to return the average ping time for a server over a specified period of time.

Which AggregationFunction property should you configure for the average ping time measure?

- A. DistinctCount
- B. AverageOfChildren
- C. Sum
- D. Min
- E. Max

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are creating a SQL Server Analysis Services (SSAS) cube to return the total value of products sold in a specified period, the total number of products sold in the specified period and the total number of each product type sold in the specified period.

The specified period could run up to the current time so the data returned must include up-to-date information.

Which of the following options should be included to maximize the performance of the query?
(Choose all that apply).

- A. The count measures should be in separate measure groups.
- B. The count measures should be in a single measure group.
- C. The storage mode should be MOLAP (Multidimensional OLAP).
- D. The storage mode should be ROLAP (Relational OLAP).
- E. The Sum measure aggregation function should be included.
- F. The Max measure aggregation function should be included.
- G. The Distinct Count measure aggregation function should be included.

Correct Answer: BDEG

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

You have been hired as a Business Intelligence (BI) developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are using SQL Server Data Tools (SSDT) to create a BI Semantic Model (BISM) that will be used by company employees to create Power View reports.

The model will pull data from data hosted on a single SQL Server. As the volume of data is small and static, you decide to configure the project to use the query mode of DirectQuery and the project type of Tabular.

Which two of the following options would also be appropriate for this model? (Choose two).

- A. A tabular project type.
- B. A multidimensional project type.
- C. A ROLAP (Relational OLAP) storage mode.
- D. An In-Memory query mode.
- E. A SharePoint Server running a PowerPivot workbook.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

You work as a SQL Developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A cube is used by the Marketing department to view the number of product sales. The cube has two measures in a single measure group. One measure is named Total Products Ordered and the other is named Products Ordered Per Hour.

You have been asked to configure the cube so that the Total Products Ordered measure is updated as soon as an order is received. The Products Ordered Per Hour measure needs to be updated on the hour every hour.

Which of the following modifications to the cube should you perform? (Choose one or more answers)

- A. You should move the Total Products Ordered to a new measure group.
- B. You should move the Products Ordered Per Hour to a new measure group.
- C. You should configure the new measure group to use the MOLAP (Multidimensional OLAP) storage mode.
- D. You should configure the new measure group to use the ROLAP (Relational OLAP) storage mode.
- E. You should configure the current measure group to use the MOLAP (Multidimensional OLAP) storage mode.
- F. You should configure the current measure group to use the ROLAP (Relational OLAP) storage mode.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

You work as a SQL Developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure and a SharePoint Server 2010 infrastructure.

A SharePoint Web application is integrated with a SQL Server Reporting Services (SSRS) server that runs in SharePoint integrated mode. The SSRS server is configured to use the Report Server E-mail delivery extension.

Several company users have subscriptions for reports. A shared schedule is configured to email the reports to the users.

An Exchange Administrator has scheduled a maintenance window for the company email server to perform maintenance on the server. The scheduled downtime means the email server will be offline at the time of the report subscriptions shared schedule.

You need to prevent the shared schedule attempting to send the report emails during the email server maintenance window?

Which of the following steps should you perform?

- A. You should stop the timer service on the SharePoint server.
- B. You should stop the SMTP service on SSRS server.
- C. You should pause the shared schedule on the SharePoint server.
- D. You should pause the shared schedule on the SSRS server.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure and a SharePoint Server 2010 infrastructure.

A server named ABC-Reports2 runs SQL Server Reporting Services (SSRS). The SSRS instance is configured to run in SharePoint Integration Mode.

You want to view the report execution log to find out how often a report is requested and what output formats are used the most on ABC-Reports2.

You discover that report execution logging is disabled on ABC-Reports2. You need to enable report execution logging.

Which four of the following steps should you perform? (Choose four)

- A. Open the SharePoint Central Administration page.
- B. Start SQL Server Management Studio and connect to ABC-Reports2.
- C. Click Manage Service Applications in the Application Management group.
- D. Right click ABC-Reports2 and select Properties.
- E. Click System Settings.
- F. Select Enable Execution Logging in the Logging section.
- G. Click the Logging page.
- H. Change EnableExecutionLogging to True.

Correct Answer: ACEF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A server named ABC-Reports1 runs SQL Server Reporting Services (SSRS). You are configuring security for ABC-Reports1.

You are evaluating the Browser Role to determine which users should be assigned to it.

Which of the following tasks are assigned to the Browser Role? (Choose all that apply).

- A. View Folders.
- B. Manage Folders.
- C. View Reports.
- D. Manage Reports.
- E. Consume Reports.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A server named ABC-Reports1 runs SQL Server Reporting Services (SSRS). You are configuring security for ABC-Reports1.

You are evaluating the SSRS predefined roles to determine which users should be assigned to the roles.

Company security policy states that all users must be assigned the minimum permissions to perform their required tasks.

Which role should be assigned to users to enable them to manage a personal workspace for storing and using reports and other items?

- A. Content Manager Role.
- B. Publisher Role.
- C. My Reports Role.
- D. Report Builder Role.
- E. System User Role.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are configuring servers running SQL Server Reporting Services (SSRS). All SSRS servers run in native mode.

You want to back up the Reporting Services encryption keys to enable you to reuse an existing report server database in a new installation.

You plan to back up the keys to a floppy disk drive. The backup file must be named rsdbkey.snk and the backup protected with a password of RSKeyPass1.

Which of the following commands should you run?

- A. rskeymgmt -a -f a:\rsdbkey.snk -p RSKeyPass1
- B. rskeymgmt -e -f a:\rsdbkey.snk -p RSKeyPass1
- C. rskeymgmt -b -p RSKeyPass1 a:\rsdbkey.snk
- D. rskeymgmt -c -p RSKeyPass1 a:\rsdbkey.snk

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are configuring servers running SQL Server Reporting Services (SSRS). All SSRS servers

run in native mode.

You need to configure a report server to use a different report server database. Therefore you need to restore a copy of the Reporting Services encryption keys from backup. The backup file is a:\rsdbkey.snk and the password for the backup is RSKeyPass1.

Which of the following commands should you run?

- A. Copy a:\rsdbkey.snk -p RSKeyPass1 %Systemroot%\rskey
- B. rskeymgmt -d a:\rsdbkey.snk then enter the password of RSKeyPass1 when prompted.
- C. rskeymgmt -a -f a:\rsdbkey.snk -p RSKeyPass1
- D. rskeymgmt -e -f a:\rsdbkey.snk -p RSKeyPass1

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are configuring servers running SQL Server Reporting Services (SSRS). All SSRS servers run in native mode.

You create an item-level role named Reports Config on an SSRS server.

You need to add a task to the Reports Config role to enable it to view and modify settings that determine snapshot history limits and caching configuration.

Which task should you add to the Reports Config role?

- A. View Models
- B. Set security policies for items
- C. Manage resources
- D. Manage report history

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are configuring servers running SQL Server Reporting Services (SSRS). All SSRS servers run in native mode.

You create an item-level role named Reports Admin on an SSRS server.

You need to add a task to the Reports Admin role to enable it to modify report properties and view and modify data sources that provide content to the report.

Which task should you add to the Reports Admin role?

- A. Manage Reports
- B. Manage resources
- C. View data sources
- D. View resources

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

You work as a SQL Developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are using SQL Server Reporting Services (SSRS) to create a report named Quarterly Sales Performance for the Sales department.

Sales users need to use the report to view sales trends over the last three months.

Which of the following report items could you use in your report? (Choose all that apply)

- A. A Data Bar.
- B. An Indicator.
- C. A Sparkline.
- D. A Gauge.
- E. An Image.
- F. A Chart.

Correct Answer: ACF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

An Analysis Services cube you are developing for the Marketing department contains a measure group named Customers.

You need to be able to determine the number of unique customers.

What should you include in your design?

- A. A measure with an expression that calculates a value using the FirstNonEmpty and LastNonEmpty functions.
- B. A measure that uses the DistinctCount aggregate function.
- C. A measure with an expression that calculates a value using the Min and Max functions.
- D. A measure that uses the Count aggregate function.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are using SQL Server Data Tools (SSDT) to author a SQL Server 2012 Analysis Services (SSAS) tabular model project.

You need to restrict which rows are visible to users based on their office department.

Which two of the following steps should you perform? (Choose two)

- A. Configure a DAX (Data Analysis Expressions) formula to create row filters.
- B. Configure a MDX (Multidimensional Expressions) formula to create row filters.
- C. Apply the filter to a role.
- D. Apply the filter to a member.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012

A SQL Server 2012 Analysis Services (SSAS) tabular model project is used by users in all company departments. The single model represents the contents of the entire company's data warehouse and has many tables, measures, and dimensions.

The complexity of the model is daunting to some users in the Sales department. Users in the Sales department only need to interact with a small part of the model for their business intelligence and reporting requirements. Users in other departments need to use the complete model.

How can you simplify the view of the model so that Sales department users only see information that is relevant to them?

- A. By configuring separate measures for the Sales department.
- B. By configuring separate partitions for the all departments except the Sales department.
- C. By configuring separate perspectives for the Sales department.
- D. By configuring separate partitions for the Sales department.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A server named ABC-SSAS1 runs SQL Server Analysis Services (SSAS). You are configuring security for a tabular model on ABC-SSAS1.

You create a database role in SSAS. You will assign permissions to the role to control access to the model database.

Which of the following permissions is the default permission assigned to a new role?

- A. None.
- B. Read.
- C. Read and Process.
- D. Process.
- E. Administrator.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A server named ABC-SSAS1 runs SQL Server Analysis Services (SSAS). You are configuring security for a tabular model on ABC-SSAS1.

You need to assign role permissions to roles in SSAS to control access to the model database.

You also plan to use DAX (Data Analysis Expressions) formulas to create row filters to restrict views of the data.

To which of the following role permissions can row filters be applied? (Choose all that apply).

- A. None
- B. Read
- C. Read and Process
- D. Process
- E. Administrator

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

You work as a SQL Developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You have a SQL Server Analysis Services (SSAS) tabular model.

You need to configure the model for DirectQuery mode to maximize performance.

You set the DirectQueryMode property to ON to enable Direct Query mode. You now need to set the DirectQueryMode property to configure the preferred query data source.

Queries must use the cache by default unless otherwise specified in the connection string from the client.

Which of the following options should you select?

- A. InMemory
- B. DirectQuerywithInMemory
- C. InMemorywithDirectQuery
- D. DirectQuery

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are using SQL Server Data Tools (SSDT) to author a SQL Server 2012 Analysis Services (SSAS) tabular model project.

The model includes a very large table. The table includes some row sets that contain data that rarely changes while other row sets have data that changes often. Queries to the table must be able to return data from all rows in the table.

You need to improve the processing performance by enabling some row sets to be processed more often than other row sets.

What should you implement to achieve this goal?

- A. You should implement multiple perspectives for the table.
- B. You should implement multiple partitions for the table.
- C. You should implement multiple database roles for the table.
- D. You should implement multiple tables with a single perspective.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A SQL Server Analysis Services (SSAS) cube is used by the Sales department. The database has security roles defined for Sales users and managers.

You are developing an update to the SSAS cube. The development environment database has

security roles defined for the developers.

You need to deploy the update without changing the current security roles and members defined for Sales users and managers. Roles and members included in the update must not be deployed.

How should you deploy the update?

- A. You should use Windows Backup to restore a copy of the database.
- B. You should use SQL Server Data Tools to deploy the update.
- C. You should use the SQL Server Analysis Services Deployment Wizard to deploy the update.
- D. You should copy the updated files and allow the copy to overwrite the current files.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You discover an unused database dimension in a SQL Server Analysis Services (SSAS) multidimensional database. You confirm that no cubes use the database dimension.

You want to delete the dimension.

How should you delete the dimension?

- A. By deleting the object in SQL Server Management Studio.
- B. By running the New Dimension Wizard.
- C. By dropping the dimension using a T-SQL command.
- D. By redeploying the project without the dimension.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A server named ABC-SSAS1 runs a SQL Server Analysis Services (SSAS) instance in tabular mode.

ABC-SSAS1 is used to process tabular models that are larger than the amount of memory installed in the server.

To prevent Out of Memory errors, you need to configure ABC-SSAS1 to allow memory paging using the default Windows Server page file (pagefile.sys).

In SQL Server Management Studio, you connect to the SSAS instance and display the properties window.

Which value should you configure?

- A. You should set the VertiPaqPagingPolicy value to 1.
- B. You should set the VertiPaqPagingPolicy value to 2.
- C. You should set the VertiPaqMemoryLimit value to 1.
- D. You should set the VertiPaqMemoryLimit value to 2.
- E. You should set the LowMemoryLimit to a higher value.
- F. You should set the TotalMemoryLimit to a lower value.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are developing a SQL Server Analysis Services (SSAS) tabular project. You deploy the project to a production server. During the deployment, you configure the processing option to Do Not Process.

You need to process a table in the tabular model database.

Which two of the following steps should you perform to process the table? (Choose two)

- A. Use SQL Server Management Studio to connect to the SSAS instance and expand the database to display the table.
- B. Use SQL Server Data Tools and open the project in Model Designer to display the table.
- C. Right click on the table you want to process, and then click Process Table
- D. Click the table you want to process then click Model menu, then click Process, and then click Process Table.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You need to create a time dimension for the SQL Server Analysis Services (SSAS) multidimensional model database. No time table exists in the external source database.

Which two of the following steps should you perform to implement the time dimension?

- A. Launch the Business Intelligence Wizard.
- B. Launch the SQL Server Data Tools Dimension Wizard.
- C. Select the Define Dimension Intelligence option.
- D. Select the Define Time Intelligence option.
- E. Select the Generate a time table in the data source option.

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

You work as a Database Administrator (DBA) at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

A server named ABC-SSAS1 runs SQL Server Analysis Services (SSAS). You are configuring security for a tabular model on ABC-SSAS1.

You need to assign role permissions to roles in SSAS to control access to the model database.

Which permission needs to be assigned to a role to enable role members to make modifications to the model schema?

- A. None.
- B. Read.
- C. Read and Process.
- D. Process.
- E. Administrator.

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

You work as a developer at ABC.com. The company uses a Microsoft SQL Server 2012 infrastructure.

You are designing a database for a SQL Server Analysis Services (SSAS) multidimensional project.

A requirement in your design specification states the need for a time dimension to track the times that products are ordered, shipped, and received.

How can you meet the design requirement while minimizing the number of objects in the project?

- A. Create one time dimension and define dimension intelligence in the Business Intelligence Wizard.
- B. Create one role playing dimension.
- C. Create three time dimensions.
- D. Create one time dimension and define time intelligence in the Business Intelligence Wizard.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference: