

100% Money Back
Guarantee

Vendor:Microsoft

Exam Code:70-451

Exam Name:PRO: Designing Database Solutions and
Data Access Using Microsoft SQL Server 2008

Version:Demo

QUESTION 1

You are a database developer. You plan to design a database solution by using SQL Server 2008. The database will contain a common language runtime (CLR) user-defined scalar function. The function will return an integer value.

You need to ensure that the computed columns that use the result from this function can be indexed.

What should you do?

- A. 1. Ensure that the logic of the function returns the same value for the same input values and the same database state.2. Ensure that the IsDeterministic property is set to True.
- B. 1. Ensure that the logic of the function returns a different value for the same input values and the same database state.2. Ensure that the IsDeterministic property is set to True.
- C. C. 1. Ensure that the logic of the function returns the same value for the same input values and the same database state.2. Ensure that the IsDeterministic property is set to False.
- D. D. 1. Ensure that the logic of the function returns a different value for the same input values and the same database state.2. Ensure that the IsDeterministic property is set to False.

Correct Answer: A

QUESTION 2

You have a server that runs SQL Server 2008 Standard. The server provides data storage for a third- party contact management application.

A service-level agreement for the application does not allow for modifications to be made to the application or to the database objects used by the application. You need to recommend a strategy to mitigate performance issues. The strategy

must minimize database growth.

What should you recommend?

- A. a scalable shared database
- B. clustered indexes
- C. plan guides
- D. partitioned tables

Correct Answer: C

QUESTION 3

You have a table that has 10 million rows. The table has a view that returns all of the rows.

You discover performance degradation when you run an unfiltered view.

You need to recommend a solution to replace the view. The solution must require that the returned data is filtered by a parameter.

What should you use?

- A. an indexed view
- B. a scalar function
- C. a table-valued function
- D. a table-valued type

Correct Answer: C

QUESTION 4

You have a table named Sales that lists all of the products sold by your company.

The Sales table contains a column named UnitsSold. UnitsSold contains the total number of units sold of each product. Each product appears in only one row.

You have the following view:

```
CREATE VIEW [dbo].[TopSales]
AS
SELECT TOP(100) [product]
, [UnitsSold]
FROM [DB1].[dbo].[sales]
GO
```

You discover that the view does not return a list of the top 100 selling products. You need to ensure that the view returns a list of the top 100 selling products. Which SQL statement should you use?

```
ALTER VIEW [dbo].[TopSales]
AS
SELECT TOP(100) [UnitsSold]
, [product]
FROM [DB1].[dbo].[sales]
GO
```

A.

- B. `ALTER VIEW [dbo].[TopSales]`
 `AS`
 `SELECT TOP(100) PERCENT [product]`
 `,[UnitsSold]`
 `FROM [DB1].[dbo].[sales]`
 `ORDER BY [UnitsSold]`
 `GO`
- C. `ALTER VIEW [dbo].[TopSales]`
 `AS`
 `SELECT TOP(100) [product]`
 `,[UnitsSold]`
 `FROM [DB1].[dbo].[sales]`
 `ORDER BY [UnitsSold] DESC`
 `GO`
- D. `ALTER VIEW [dbo].[TopSales]`
 `AS`
 `SELECT TOP(100) [product]`
 `,[UnitsSold]`
 `FROM [DB1].[dbo].[sales]`
 `ORDER BY [product] DESC`
 `GO`

B. C. D.

Correct Answer: C

QUESTION 5

You are a database developer. You plan to design a database solution by using SQL Server 2008. You have a database that contains a table and a table-valued function. The table-valued function accepts the primary key from the table as a

parameter.

You plan to write a query that joins the table to the results of the table-valued function. You need to ensure that only rows from the table that produce a result set from the table-valued function are returned.

Which join predicate should you use?

- A. CROSS APPLY
- B. OUTER APPLY
- C. INNER JOIN
- D. LEFT OUTER JOIN

Correct Answer: A

QUESTION 6

You have an instance of SQL Server 2008 that has xp_cmdshell enabled. You need to design a stored procedure that meets the following requirements: What should you include in the design?

- A. Grant users permission to execute xp_cmdshell.
- B. Grant users permission to execute sp_configure.
- C. Create a procedure that uses EXECUTE AS OWNER. Call xp_cmdshell in the procedure. Grant users permission to execute the procedure.
- D. Create a procedure that uses EXECUTE AS CALLER. Call xp_cmdshell in the procedure. Grant users permission to execute the procedure.

Correct Answer: C

QUESTION 7

You have a server that runs SQL Server 2008 Enterprise. The server contains a 300-GB database.

At the end of every month, several reports are generated from the database.

Users report that it takes a long time to access data from the database while the reports are being generated.

You need to recommend a solution to improve the data access time while the reports are being generated from the database. The solution must use a minimum amount of administrative effort.

What should you recommend?

- A. linked servers
- B. database snapshots
- C. a failover cluster
- D. database mirroring

Correct Answer: D

QUESTION 8

You are a SQL Server 2008 developer. You create an online transaction processing (OLTP) database by using SQL Server 2008 in an enterprise environment.

The database contains a table named SalesDetails. Each record in the table contains data in any one of the following pairs of nullable columns:

The table also contains three NOT NULL key columns. A large number of records are inserted on a daily basis into the SalesDetails table.

Summary reports are generated from the SalesDetails table. Each report is based on aggregated data from any one of the pairs of nullable columns.

You need to design a view or views to meet the following requirements:

What should you do?

- A. Create an indexed view from the SalesDetails table that contains aggregated data of all the columns required by all the reports.
- B. Create multiple indexed views from the SalesDetails table so that each view contains aggregated data of only the columns required by the respective report.
- C. Create multiple Report tables from the SalesDetails table so that each Report table contains aggregated data of only the columns required by the respective report. Create views on top of each of the Report tables.
- D. Perform a quick transfer of aggregated new records to a staging table at the end of each month. Create an indexed view from the staging table that contains aggregated data of all the columns required by all the reports.

Correct Answer: B

QUESTION 9

You are a database developer. You plan to design a database solution by using SQL Server 2008.

Account managers in your company store order data in a database. Your company requires a list of customers for each account manager. The list must be sorted in the descending order of the order amount.

You create a query that generates the list at the end of each month. You need to ensure that the query executes as quickly as possible.

What should you do?

- A. Create a cursor that returns each account manager, and then sort the order data by order amount.
- B. Use a SELECT statement that uses the OVER clause to rank the customers by order amount for each account manager.
- C. Create a correlated subquery to return the order amount for each account manager. Sort the results first by account manager and then by order amount.
- D. Create a table-valued function that returns the order amount for a specific account manager, and then create a query by using the CROSS APPLY clause to list each account manager. Sort the results first by account manager and then by order amount.

Correct Answer: B

QUESTION 10

Users frequently update millions of rows in a table at a time. Users report that it takes a long time to update the rows. You need to recommend a solution to reduce the time it takes to update the rows. The solution must be developed in the minimum amount of time.

What should you do?

- A. Use a table variable.
- B. Use a temporary table.
- C. Split the update operation into small batches.
- D. Use the NOLOCK optimizer hint and use a single transaction.

Correct Answer: C

QUESTION 11

You are designing a document repository application that will contain over 100,000 documents. The repository will have the following specifications: What should you include in the design?

- A. an XML data type
- B. nvarchar() null
- C. sparse columns
- D. varchar(max) not null

Correct Answer: C

QUESTION 12

You have a database that has 20 tables.

The tables are not configured to have any referential integrity. All tables have primary keys. Each table contains over 5 million rows. Ten percent of the rows contain outdated information.

You need to design a maintenance process to delete all outdated rows. The solution must meet the following requirements:

What should the design include?

- A. a WHILE loop that contains a single DELETE statement
- B. multiple TRUNCATE TABLE statements

C. a single transaction that contains multiple DELETE statements

D. an IF statement that contains a single DELETE statement

Correct Answer: A

To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase

24x7 Customer Support

Average **99.9%** Success Rate

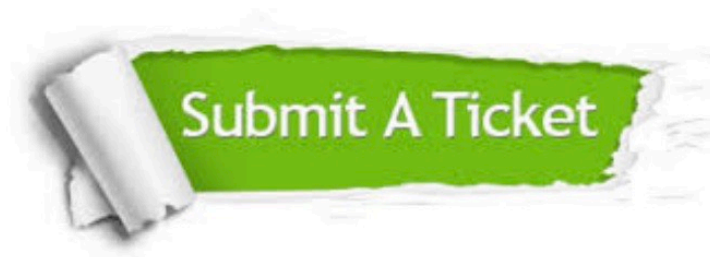
More than **800,000** Satisfied Customers Worldwide

Multi-Platform capabilities - **Windows, Mac, Android, iPhone, iPod, iPad, Kindle**

Need Help

Please provide as much detail as possible so we can best assist you.

To update a previously submitted ticket:



 One Year Free Update <p>Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 Money Back Guarantee <p>To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 Security & Privacy <p>We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.

All trademarks are the property of their respective owners.