Vendor: Microsoft

Exam Code: 70-465

Exam Name: Designing Database Solutions for Microsoft SQL Server 2012

Version: Demo
**QUESTION 1**
You need to recommend a backup process for an Online Transaction Processing (OLTP) database. The process must meet the following requirements:

- Ensure that if a hardware failure occurs, you can bring the database online with a minimum amount of data loss.
- Minimize the amount of administrative effort required to restore any lost data.

What should you include in the recommendation?

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:**

- Create a database snapshot.
- Perform a differential backup of the database every night.
- Ship the logs to a secondary server.
- Perform a backup of the transaction log every hour.
- Set the database to the simple recovery model.
- Set the database to the full recovery model.
- Perform a weekly full backup of the database.

**Correct Answer:**

- Create a database snapshot.
- Perform a differential backup of the database every night.
- Ship the logs to a secondary server.
- Perform a backup of the transaction log every hour.
- Set the database to the full recovery model.
- Perform a weekly full backup of the database.
QUESTION 2
You plan to install two SQL Server 2012 environments named Environment1 and Environment2. Your company identifies the following availability requirements for each environment:

- Environment1 must have mirroring with manual failover implemented.
- Environment2 must have AlwaysOn with automatic failover implemented.

You need to identify the minimum number of SQL Server 2012 servers that must be deployed to each environment to ensure that all data remains available if a physical server fails. How many servers should you identify?

To answer, drag the appropriate number to the correct environment in the answer area.

Select and Place:

Correct Answer:
QUESTION 3
You need to design a stored procedure to update rows. The stored procedure must meet the following requirements:

- If more than one row is updated, an error must be raised to the application and the update must be discarded.
- The stored procedure must be designed to maximize concurrency. What should you include in the design?

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:

1. Raise an error and roll back the transaction if the row count is greater than 1.
2. Issue a SELECT statement to count the number of rows.
3. Perform the update.
4. Set the isolation level to serializable.
5. Read the @@ROWCOUNT system variable.
7. Commit the transaction.

Correct Answer:
QUESTION 4
You are designing a monitoring application for a new SQL Server 2012 instance. You need to recommend a solution to generate a report that displays the 10 most frequent wait types that occur for the instance. What should you include in the recommendation? More than one answer choice may achieve the goal. Select the BEST answer.

A. The sys.dm_os_wait_stats dynamic management view
B. The DBCC SQLPERF(WAITSTATS) command
C. The SQL Server error log
D. SQL Server Profiler

Correct Answer: A

QUESTION 5
You have two servers named SQL1 and SQL2 that have SQL Server 2008 installed. SQL1 contains a database that is mirrored asynchronously to SQL2. The database contents are updated once a month. You need to upgrade the database to SQL Server 2012. The solution must minimize downtime. Which upgrade steps should you recommend?

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:

Fail over.
Fail back.
Upgrade SQL1.
Upgrade SQL2.
Establish a mirror.
Break the mirror.

Correct Answer:
QUESTION 6
Your company identifies the following monitoring requirements for the database:

- An e-mail message must be sent when a user logs in.
- An e-mail message must be sent if CPU utilization exceeds 90 percent.

You need to identify which feature meets each monitoring requirement. Which features should you identify?

To answer, drag the appropriate feature to the correct monitoring requirement in the answer area.

Select and Place:

Correct Answer:
QUESTION 7
You deploy a database by using SQL Server 2012. The database contains a table named Table1. You need to recommend a solution that meets the following requirements:

- Stores the most recent data from Table1 by using the fastest storage solution possible.
- Stores the historical data from Table1 by using a slower storage solution.

What should you recommend?

A. partitioned views  
B. a database snapshot  
C. change data capture  
D. table partitioning

Correct Answer: D

QUESTION 8
You are creating a database that will store usernames and passwords for an application. You need to recommend a solution to store the passwords in the database. What should you recommend? More than one answer choice may achieve the goal. Select the BEST answer.

A. One-way encryption  
B. Transparent Data Encryption (TDE)  
C. Encrypting File System (EFS)  
D. Reversible encryption

Correct Answer: A
QUESTION 9
You have a SQL Azure database named Database1. You need to design the schema for a table named table1. Table1 will have less than one million rows. Table1 will contain the following information for each row:

<table>
<thead>
<tr>
<th>Column</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
<td>An incremental numeric value used to identify the row</td>
</tr>
<tr>
<td>Name</td>
<td>A string in English</td>
</tr>
<tr>
<td>Code</td>
<td>An alphanumeric code that has five characters</td>
</tr>
<tr>
<td>ModifiedDate</td>
<td>The date of the last modification</td>
</tr>
</tbody>
</table>

The solution must minimize the amount of space used to store each row. Which data types should you recommend for each column?

Select and Place:

Correct Answer:
QUESTION 10
You need to recommend the actions that are required to partition a table. In which order should the four actions be performed?

To answer, move the actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

Correct Answer:
QUESTION 11
You have a SQL Server 2012 environment that contains 20 servers. The corporate security policy states that all SQL Server 2012 instances must meet specific security standards. You need to recommend a management strategy for the SQL Server 2012 servers. What should you include in the recommendation? More than one answer choice may achieve the goal. Select the BEST answer.

A. Multi server jobs
B. Maintenance plans
C. Policy-Based Management
D. Common criteria compliance

Correct Answer: C