MICROSOFT 70-465 EXAM QUESTIONS & ANSWERS

MICROSOFT 70-465 EXAM QUESTIONS & ANSWERS

Exam Name: Designing Database Solutions for Microsoft SQL Server 2012

Braindumps

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:

Actions
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.

Answer Area

Correct Answer:

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

Section: (none)
Explanation

Explanation/Reference:

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.
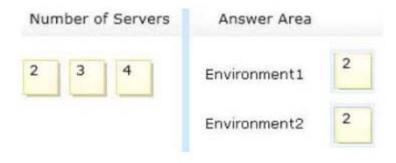How many servers should you identify?
To answer, drag the appropriate number to the correct environment in the answer area.

Select and Place:

Number of Servers			Answer Area	
2	3	4	Environment1	#
			Environment2	#

Correct Answer:

Number of Servers			Answer Area	
2	3	4	Environment1	2
			Environment2	2

**Section: (none)
Explanation**

Explanation/Reference:

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:

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

Correct Answer:

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

Section: (none)
Explanation

Explanation/Reference:

QUESTION 4

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
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
You need to recommend an isolation level for usp_UpdateOrderDetails.
Which isolation level should recommend?

A. Repeatable read
B. Read uncommitted
C. Serializable
D. Read committed

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
You need to recommend solution for the deployment of SQL Server 2012.
The solution must meet the business requirements.
What should you include in the recommendation?

A. Deploy two servers that have SQL Server 2012 installed and implement database mirroring.
B. Create new instance of SQL Server 2012 on the server that hosts the SQL Server 2005 instance.
C. Upgrade the existing SQL Server 2005 instance to SQL Server 2012.
D. Deploy two servers that have SQL Server 2012 installed and implement Failover Clustering.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7
You need to recommend a solution to improve the performance of usp_UpdateInventory.
The solution must minimize the amount of development effort.
What should you include in the recommendation?

A. subquery
B. cursor
C. common table expression

D. table variable

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8

You need to recommend feature to support your backup solution.
What should you include in the recommendation?

A. Column-level encryption

B. Secure Sockets Layer (SSL)

C. An NTFS file permission

D. Transparent Data Encryption (TDE)

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 9

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:

Actions	Answer Area
Create a partition scheme.	
Create a partition function.	
Create filegroups.	
Create the table.	

Correct Answer:

Actions	Answer Area
	Create a partition scheme.
	Create a partition function.
	Create filegroups.
	Create the table.

Section: (none)
Explanation

Explanation/Reference:

QUESTION 10

You need to recommend a solution to minimize the amount of time it takes to execute sp5. What should you include in the recommendation?

A. Use the EXECUTE AS clause in sp5.

B. Enable cross-database chaining.

C. Use a server role to group all logins.

D. Copy sp5 to each database.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11

You manage a SQL Server 2012 instance that contains a database named DB1.

Users report that some queries to DB1 take longer than expected. Although most queries run in less than one second, some queries take up to 20 seconds to run.

You need to view all of the performance statistics for each database file. Which method should you use?

A. Examine the Data File I/O pane in Activity Monitor.

B. Query the sys.dm_io_virtual_file_stats dynamic management function.

C. Query the sys.dm_os_performance_counters dynamic management view.

D. Query the sys.dm_os_tasks dynamic management view.

Correct Answer:
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Your company has offices in Seattle and Montreal.

The network contains two servers named Server1 and Server2 that have SQL Server 2012 installed. Server1 is located in the Seattle office. Server2 is located in the Montreal office. The latency of the WAN link between the Montreal office and the Seattle office is more than 200 ms.

You plan to implement an AlwaysOn availability group on both servers.

You need to recommend a failover type for the availability group.

What should you recommend?

A. Synchronous manual failover

B. Synchronous automatic failover

C. Asynchronous automatic failover

D. Asynchronous manual failover

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13

You have a server that has SQL Server 2012 installed. The server contains 100 user databases.

You need to recommend a backup solution for the user databases. The solution must meet the following requirements:

- Perform a transaction log backup every hour.
- Perform a full backup of each database every week.
- Perform a differential backup of each database every day.
- Ensure that new user databases are added automatically to the backup solution.

What should you recommend?

More than one answer choice may achieve the goal. Select the BEST answer.

A. A maintenance plan
B. SQL Server Agent jobs
C. Policy-Based Management
D. A Data Definition Language (DDL) trigger

Correct Answer: A
Section: (none)
Explanation

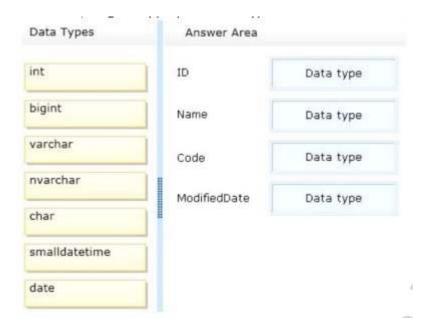**Explanation/Reference:**

QUESTION 14

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:

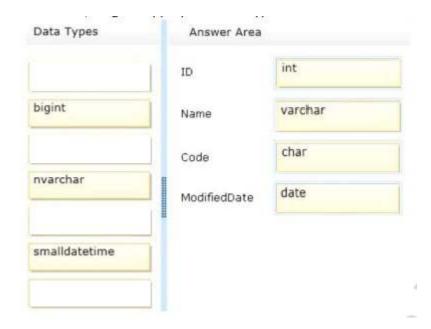| Column	Description
ID	An incremental numeric value used to identify the row
Name	A string in English
Code	An alphanumeric code that has five characters
ModifiedDate	The date of the last modification

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

To answer, drag the appropriate data type to the correct column in the answer area.

Select and Place:

Data Types		Answer Area	
int		ID	Data type
bigint		Name	Data type
varchar		Code	Data type
nvarchar		ModifiedDate	Data type
char			
smalldatetime			
date			

Correct Answer:

Data Types	Answer Area	
	ID	int
bigint	Name	varchar
	Code	char
nvarchar	ModifiedDate	date
smalldatetime		

Section: (none)
Explanation

Explanation/Reference:

QUESTION 15

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
Section: (none)
Explanation

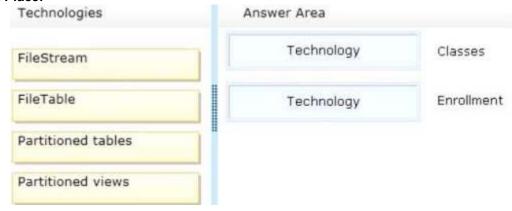**Explanation/Reference:**

QUESTION 16

You are designing a database for a university. The database will contain two tables named Classes and Enrollment that have the following specifications:

- Classes will store brochures in the XPS format. The brochures must be structured in folders and must be accessible by using UNC paths.
- Enrollment will store information about students and their classes. Performance must be enhanced for queries of the current enrollments.

You need to identify which SQL Server technology meets the specifications of each table. Which technologies should you identify?
To answer, drag the appropriate technology to the correct table in the answer area.

Select and Place:

Technologies	Answer Area	
FileStream	Technology	Classes
FileTable	Technology	Enrollment
Partitioned tables		
Partitioned views		

Correct Answer:

Technologies	Answer Area	
FileStream	FileTable	Classes
	Partitioned tables	Enrollment
Partitioned views		

Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
You deploy a database by using SQL Server 2012. The database contains a table named Table 1. You need to recommend a solution to track all of the deletions executed on Table1. The solution must minimize the amount of custom code required. What should you recommend?

A. Change data capture

B. A trigger

C. Statistics

D. Master Data Services

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
You work as a Database Administrator (DBA) for a company named ABC.com. The company uses a
Microsoft SQL Server 2012 infrastructure.
You have a database named CorpDB. You plan to create a stored procedure to access data in CorpDB.
You need to ensure that the stored procedure supports dirty reads.
What should you do?

A. You should configure the stored procedure to use the READ UNCOMMITTED isolation level.

B. You should configure the stored procedure to use the READ COMMITTED isolation level.

C. You should configure the stored procedure to use the SERIALIZABLE isolation level.

D. You should configure the stored procedure to use the REPEATABLE READ isolation level.

E. You should configure the stored procedure to use the SNAPSHOT isolation level.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
You work as a Database Administrator (DBA) for a company named ABC.com. The company uses a
Microsoft SQL Server 2012 infrastructure.
You are configuring a highly-available database solution using an AlwaysOn availability group on two
servers running SQL Server 2012. The two servers are in separate datacenters. The two datacenters
are connected by a WAN link with a network latency of more than 200ms.
Which of the following failover types should you configure for the availability group?

A. You should configure the asynchronous manual failover failover type.

B. You should configure the synchronous manual failover failover type.

C. You should configure the synchronous automatic failover failover type.

D. You should configure the Asynchronous automatic failover failover type.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference: