

Microsoft.Certdumps.70-465.v2014-08-20.by.PAT.25q

Number: 70-465
Passing Score: 700
Time Limit: 180 min
File Version: 26.5



certdumps

MICROSOFT 70-465 EXAM QUESTIONS & ANSWERS

Exam Name: Designing Database Solutions for Microsoft SQL Server 2012

Certdumps

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 simple recovery model.
Set the database to the full 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 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:

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

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

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:

Policy-Based Management	An e-mail message must be sent when a user logs in.	Feature
a SQL Server Agent alert		
SQL Server Integration Services (SSIS)	An e-mail message must be sent if CPU utilization exceeds 90 percent.	Feature
trace flags		
triggers		

Correct Answer:

Policy-Based Management	An e-mail message must be sent when a user logs in.	triggers
SQL Server Integration Services (SSIS)	An e-mail message must be sent if CPU utilization exceeds 90 percent.	a SQL Server Agent alert
trace flags		

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

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?

- partitioned views
- a database snapshot
- change data capture
- table partitioning

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

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 8

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 9

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 10

You need to recommend disk monitoring solution that meets the business requirements.
What should you include in the recommendation?

- A. SQL ServerAgent alert
- B. dynamic management view
- C. maintenance plan
- D. an audit

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

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 12

You need to recommend a solution to meet the security requirements of the junior database administrators recommendation?

- A. a database role
- B. a credential
- C. a shared login
- D. a server role

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

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
<input type="text"/>	Create a partition scheme.
<input type="text"/>	Create a partition function.
<input type="text"/>	Create filegroups.
<input type="text"/>	Create the table.

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

You plan to deploy a database by using SQL Server 2012.

Your company identifies the following requirements for the database:

- The name of all stored procedures must start with "usp_"always.
- All distribution statistics must be updated daily.

You need to identify which feature must be used to meet each database requirement.

Which features should you identify?

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

Select and Place:

Features	Answer Area
change data capture	The name of all stored procedures must start with "usp_"always. Feature
the CHECK constraint	All distribution statistics must be updated daily. Feature
Extended Event	
a maintenance plan	
Policy-Based Management	

Correct Answer:

Features	Answer Area
change data capture	The name of all stored procedures must start with "usp_"always. Policy-Based Management
the CHECK constraint	All distribution statistics must be updated daily. a maintenance plan
Extended Event	

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

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 16

You need to recommend a change to sp3 to ensure that the procedure completes only if all of the UPDATE statements complete.

Which change should you recommend?

- A. Set the XACT_ABORT option to on.
- B. Set the IMPLICIT_TRANSACTIONS option to off.
- C. Set the IMPLICIT_TRANSACTIONS option to on.
- D. Set the XACT_ABORT option to off

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

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 18

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 19

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 20

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 21

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 22

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 23

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 24

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 25

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: