ISLEVER

70-462

Administering Microsoft SQL Server 2012
Databases

DEMO

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QUESTION NO: 1

You have been hired as a Database Consultant by ABC.com to design a SQL Server 2012 database solution.

You are tasked with designing a scale-out and high-availability SQL Server 2012 Online Transaction Processing (OLTP) database solution that will maintain copies of data across two server instances.

Your solution must provide scale-out of read operations by distributing the reads from clients across two SQL Server 2012 nodes. The data in both SQL Server nodes needs to be indexed.

What should you include in your solution?

A. You should include two servers configured in an Active-Active SQL Server 2012 Cluster.
B. You should include a primary SQL Server 2012 database that uses transactional replication to replicate data to a secondary database.
C. You should include two servers configured in an Active-Passive SQL Server 2012 Cluster.
D. You should include two servers in an Asynchronous-Commit Availability Mode Availability Group.
E. You should include two servers in a Synchronous-Commit Availability Mode Availability Group.

Answer: B
Explanation:

QUESTION NO: 2

You have been hired as a Database Consultant by ABC.com to design a database solution for a new application.

You are tasked with designing a high-availability database solution that uses SQL Server 2012 to host a primary database. The solution should maintain a near real-time copy of the data on a second non-Microsoft database.

What should you include in your solution?

A. You should include a primary database with scheduled log shipping to the secondary database configured.
B. You should include two servers configured in an Active-Passive SQL Server 2012 Cluster.
C. You should include a primary SQL Server 2012 database that uses transactional replication to replicate data to the secondary database.
D. You should include two servers in an Asynchronous-Commit Availability Mode Availability

Group.

E. You should include two servers in a Synchronous-Commit Availability Mode Availability Group.

Answer: C
Explanation:

QUESTION NO: 3

You work as the Senior Database Administrator (DBA) at ABC.com. The company has a main office and 10 branch offices. Each branch office contains a single database server running Microsoft SQL Server 2012. The main office has multiple clustered servers running Microsoft SQL Server 2012. Your role includes the management of the entire Microsoft SQL Server 2012 infrastructure.

The company runs a custom application that stores data in a large Microsoft SQL Server 2012 database. The primary database is hosted in the main office. Each branch office SQL Server hosts a copy of the database.

You need to configure a solution that will replicate the entire primary database from the main office SQL Server every weekend.

What should you include in your solution?

A. Transactional Replication.
B. Log Shipping.
C. Snapshot Replication.
D. SQL Server Availability Group.

Answer: C
Explanation:

QUESTION NO: 4

You work as a Database Administrator (DBA) at ABC.com. The infrastructure includes servers running Microsoft SQL Server 2012. All databases are hosted on a SAN (Storage Area Network).

You need to design a database solution for a new application. You are tasked with designing a high-availability database solution. The solution must include a single copy of the database to save disk space and the database must remain online in the event of a SQL Server failure.

What should you include in your solution?

A. You should include two servers configured as a failover cluster.
B. You should include two servers and database mirroring.
C. You should include two servers and log shipping.
D. You should include two servers configure as a SQL Server Availability Group.

Answer: A
Explanation:

QUESTION NO: 5

You work as a Database Administrator (DBA) at ABC.com. The infrastructure includes servers running Windows Server 2008 R2 and Microsoft SQL Server 2012.

The company uses several custom applications that store data in databases on the Microsoft SQL Server 2012 servers.

A full backup of all databases is taken every night at midnight. A differential backup of all databases is taken on the hour every hour starting at 3am until the last backup at 11pm. A log backup is taken every 15 minutes for databases configured with the Full Recovery Model.

One application named ABCApp1 stores data in a database named ABCApp1DB. ABCApp1DB is configured with the Simple Recovery Model.

ABCApp1DB fails at 3:25am. You discover that the last differential backup of ABCApp1DB failed.

You need to restore ABCApp1DB from backup as quickly as possible and minimize data loss.

Which of the following steps should you perform to restore ABCApp1DB? (Choose one or more answers).

A. Restore the latest full backup.
B. Restore the latest differential backup.
C. Restore the latest log backup.
D. Restore each differential backup taken since the last full backup.
E. Restore each log backup since the last full backup.

Answer: A
Explanation:

QUESTION NO: 6