Microsoft 70-443

70-443 PRO: Designing a Database Server Infrastructure by Using Microsoft SQL Server 2005

Practice Test

Version 2.2

QUESTION NO: 1

You are planning the backup strategy for the BusinessData database. You need to include a strategy for backup redundancy. Which backup redundancy strategy should you include?

A. Back up the database to a disk backup device, and then back up the database to a tape device.
B. Use different backup devices for full backups and transaction log backups.
C. Back up only thefilegroups that are not stored in a RAID disk array.
D. Use a mirrored media set to back up the database to multiple backup devices of the same type.

Answer: D

QUESTION NO: 2

You need to ensure that the companys standard password policy is enforced for all logins that are used to access SQL Server 2005. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Set the appropriate local password policies for all computers on which SQL Server is installed.
B. Set the server authentication mode of all SQL Server instances to Windows Authentication mode.
C. Install all instances of SQL Server 2005 on computers that run Windows Server 2003 or later.
D. Create SQL Server logins that have CHECK_POLICY enabled.

Answer: C,D

QUESTION NO: 3

You want to implement database mirroring to ensure the availability of the BusinessData database. You specify SQL1 as the principal server and SQL2 as the mirror server. You need to ensure that the database mirroring solution fulfills the business requirements. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Configure the mirror session to use a synchronous operating mode.
B. Configure SQL3 as a witness server.
C. Create a database snapshot of theBusinessData database.
D. Configure SQL3 as a monitor server.

Answer: A,B

QUESTION NO: 4

You are designing a data archival strategy for order data. The placements of data and partitions for the Sales.Orders table at the end of July are shown in the following display. On which filegroup should you locate partition 2 of the Sales.OrderArchive table?

A. FG4
B. FG1
C. FG3
D. FG2

Answer: D

QUESTION NO: 5

You are designing the interim disk availability solution for SQL1. You plan to use Windows RAID functionality. You need to identify the most appropriate RAID configuration to fulfill the availability requirements. Which RAID configuration should you use?

A. Create a mirrored volume for the system files, database logs, and data files.
B. Create a stripe set with parity for the system files, database logs, and data files.
C. Create a mirrored volume for the system files and database logs, and a stripe set with parity for the data files.
D. Create a mirrored volume for the system files and database logs, and a stripe set without parity for the data files.

Answer: C

QUESTION NO: 6

You are designing the backup strategy for the BusinessData database. You need to ensure that the backup strategy fulfills the business requirements for minimizing data loss and database downtime. Which three backup methods should your strategy include? (Each correct answer presents part of the solution. Choose three.)

A. differential backup every three hours

B. full database backup once per day

C. transaction log backup every three hours

D. transaction log backup every 30 minutes

E. full database backup every 30 minutes

F. differential backup once per day

Answer: A,B,D

QUESTION NO: 7

You need to implement the HTTP endpoint for the Sales.AddOrder and Sales.GetOrderDetails stored procedures while minimizing the risk of unauthorized access to data and the risk of execution of unauthorized Transact-SQL code. Which action or actions should you perform? (Choose all that apply.)

A. Specify that the endpoint must support BATCHES.

B. Specify that the endpoint must use Secure Sockets Layer (SSL) ports.

C. Grant CONNECT permission on the endpoint to the logins in the sales department.

D. Grant EXECUTE permission on theSales.AddOrder and Sales.GetOrderDetails stored procedures to the users in the sales department.

E. Specify that the endpoint must use clear ports.

Answer: B,C,D

QUESTION NO: 8

You are planning the configuration of the SQL Server 2005 instance where the BusinessData database will be stored. As a security precaution, you need to ensure that Windows services that are not essential are disabled. Which Windows service or services should be disabled? (Choose all that apply.)

A. SQL Browser

B. SQL Server

C. SQL Server Analysis Services

D. SQL Writer

E. SQL Server Integration Services

F. SQL Server Agent

Answer: A,C,D

QUESTION NO: 9

For the MarketingAnalysis database, you are adding functionality that sends the results of a query in an e-mail message to the marketing supervisors when new sales data has been entered. You need to implement a method that fulfills this requirement and minimizes the security risks. Which method should you use?

A. Database Mail
B. SQL Mail
C. a managed stored procedure
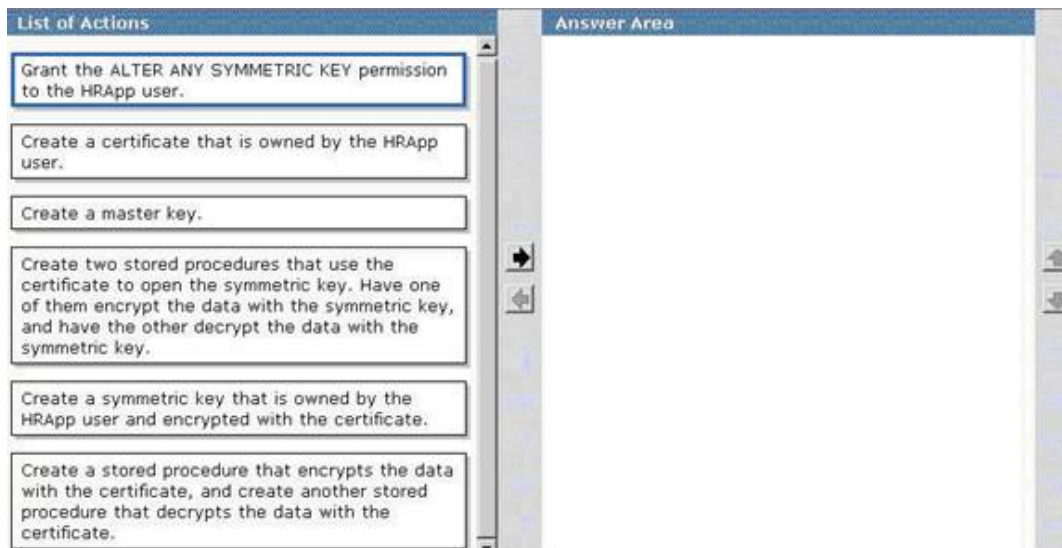D. a command line program that is called byxp_cmdshell

Answer: A

QUESTION NO: 10 DRAG DROP

You need to specify the procedure for implementing cryptographic functionality in the HRData database.

What should you do?

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

Answer:

List of Actions

Grant the ALTER ANY SYMMETRIC KEY permission to the HRApp user.

Create a certificate that is owned by the HRApp user.

Create a master key.

Create two stored procedures that use the certificate to open the symmetric key. Have one of them encrypt the data with the symmetric key, and have the other decrypt the data with the symmetric key.

Create a symmetric key that is owned by the HRApp user and encrypted with the certificate.

Create a stored procedure that encrypts the data with the certificate, and create another stored procedure that decrypts the data with the certificate.

Answer Area

Create a stored procedure that encrypts the data with the certificate, and create another stored procedure that decrypts the data with the certificate.

Create two stored procedures that use the certificate to open the symmetric key. Have one of them encrypt the data with the symmetric key, and have the other decrypt the data with the symmetric key.

Create a certificate that is owned by the HRApp user.

Create a master key.

QUESTION NO: 11

There are currently no permissions set on the following four objects in the proseware_biz database: Sales.Customersa table containing customer dataSales.CustomerContactsa table containing customer contact dataSales.ContactLista view that retrieves customer data from the Sales.Customers and Sales.CustomerContacts tablesSales.GetContacta stored procedure that retrieves data from the Sales.ContactList view You need to permit the sales_employee database role to retrieve data by using the Sales.GetContact stored procedure. Which action or actions should you perform? (Choose all that apply.)

A. Grant the SELECT permission on theSales.CustomerContacts object to the sales_employee role.
B. Grant the SELECT permission on theSales.Customers object to the sales_employee role.
C. Grant the EXECUTE permission on theSales.GetContact object to the sales_employee role.
D. Grant the SELECT permission on theSales.ContactList object to the sales_employee role.

Answer: C

QUESTION NO: 12

You are creating a management plan for the proseware_biz database. You need to specify the steps that must be performed to fail over to the secondary server in order to take the primary server offline for planned maintenance. The primary server will resume its role after the maintenance task has been completed. Which step or steps should you specify? (Choose all that apply.)

A. Apply, in sequence, existing unapplied transaction log backups to the secondary server.
B. Create a full database backup of the database on the primary server.

C. Back up the active transaction log on the primary server.
D. Restore the database on the secondary server from the most recent full backup that was taken on the primary server.

Answer: A,C

QUESTION NO: 13

You need to design a high-availability strategy for the proseware_projects database. Your design must fulfill all business and technical requirements. Which strategy should you use?

A. database mirroring
B. log shipping
C. replication
D. failover clustering

Answer: A

QUESTION NO: 14

You are creating a management plan for the proseware_biz database. You need to specify the action that must be taken before manually inserting data through a bulk load process. Your plan must fulfill the availability and recoverability business requirements, and it also must require minimal administrative effort. Which action should you specify?

A. Configure replication.
B. Create a full backup.
C. Create a differential backup.
D. Create a database snapshot.

Answer: D

QUESTION NO: 15

You need to specify the changes to the existing firewall configuration settings that are required by the HTTP endpoint that will be used by the proseware_projects database. What should you do?

A. Create a Web publishing rule on ISA2 that allows HTTP traffic on port 5017 from IIS1 to the SQL Server computer.
B. Create a Web publishing rule on ISA1 that allows HTTPS traffic on port 5017 from IIS1 to the SQL Server computer.

C. Create a Web publishing rule on ISA2 that allows HTTPS traffic on port 5017 from IIS1 to the SQL Server computer.

D. Create a Web publishing rule on ISA1 that allows HTTP traffic on port 5017 from IIS1 to the SQL Server computer.

Answer: B

QUESTION NO: 16

You plan to use a managed assembly in the proseware_projects database that includes a method to save the contents of an xml column as a local file. You need to import the assembly without granting it unnecessary permissions. Which permission level should you assign to the assembly?

A. EXTERNAL_ACCESS
B. UNSAFE
C. the default permission level
D. SAFE

Answer: A

QUESTION NO: 17

You are designing the data archiving strategy for the proseware_projects database. You need to identify the data that should be archived when a project is completed. Your design must ensure that minimal storage space is used, and it must fulfill the business requirements for the solution. What should you do?

A. Archive all versions of all documents that belong to the completed project.
B. Archive the earliest and most recent versions of the documents that belong to the completed project.
C. Archive the most recent version of all documents that belong to the completed project.
D. Archive the earliest version of all documents that belong to the completed project.

Answer: C

QUESTION NO: 18

You are designing the HTTP endpoint for the proseware_projects application. A developer submits a CREATE ENDPOINT script for your approval. The script includes the following settings:AUTHENTICATION = (INTEGRATED)PORTS = (SSL)BATCHES = ENABLED You need to ensure that the script minimizes the security risks that are associated with the HTTP endpoint. What should you do prior to running the script?