



70-764^{Q&As}

Administering a SQL Database Infrastructure

Pass Microsoft 70-764 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.lead4pass.com/70-764.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Microsoft
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

General Overview

You are the Senior Database Administrator (DBA) for a software development company named Leaffield Solutions. The company develops software applications custom designed to meet customer requirements.

Requirements Leaffield Solutions has been asked by a customer to develop a web-based Enterprise Resource Planning and Management application. The new application will eventually replace a desktop application that the customer is

currently using. The current application will remain in use while the users are trained to use the new webbased application.

You need to design the SQL Server and database infrastructure for the web-based application.

Databases

You plan to implement databases named Customers, Sales, Products, Current_Inventory, and TempReporting.

The Sales database contains a table named OrderTotals and a table named SalesInfo.

A stored procedure named SPUpdateSalesInfo reads data in the OrderTotals table and modifies data in the SalesInfo table.

The stored procedure then reads data in the OrderTotals table a second time and makes further changes to the information in the SalesInfo table. The Current_Inventory database contains a large table named Inv_Current. The Inv_Current

table has a clustered index for the primary key and a nonclustered index. The primary key column uses the identity property. The data in the Inv_Current table is over 120GB in size. The tables in the Current_Inventory database are accessed

by multiple queries in the Sales database. Another table in the Current_Inventory database contains a self-join with an unlimited number of hierarchies. This table is modified by a stored procedure named SPUpdate2. An external application

named ExternalApp1 will periodically query the Current_Inventory database to generate statistical information. The TempReporting database contains a single table named GenInfo. A stored procedure named SPUpdateGenInfo combines

data from multiple databases and generates millions of rows of data in the GenInfo table.

The GenInfo table is used for reports.

When the information in GenInfo is generated, a reporting process reads data from the Inv_Current table and queries information in the GenInfo table based on that data. The GenInfo table is deleted after the reporting process completes. The

Products database contains tables named ProductNames and ProductTypes.

Current System

The current desktop application uses data stored in a SQL Server 2005 database named DesABCopAppDB. This database will remain online and data from the Current_Inventory database will be copied to it as soon as data is changed in the



Current_Inventory database.

SQL Servers

A new SQL Server 2012 instance will be deployed to host the databases for the new system. The databases will be hosted on a Storage Area Network (SAN) that provides highly available storage.

Design Requirements

Your SQL Server infrastructure and database design must meet the following requirements:

Confidential information in the Current_ Inventory database that is accessed by ExternalApp1 must be securely stored.

Direct access to database tables by developers or applications must be denied.

The account used to generate reports must have restrictions on the hours when it is allowed to make a connection.

Deadlocks must be analyzed with the use of Deadlock Graphs.

In the event of a SQL Server failure, the databases must remain available.

Software licensing and database storage costs must be minimized.

Development effort must be minimized.

The Tempdb databases must be monitored for insufficient free space.

Failed authentication requests must be logged.

Every time a new row is added to the ProductTypes table in the Products database, a user defined function that validates the row must be called before the row is added to the table.

When SPUpdateSalesInfo queries data in the OrderTotals table the first time, the same rows must be returned along with any newly added rows when SPUpdateSalesInfo queries data in the OrderTotals table the second time.

You need to plan the SQL Server 2012 deployment that meets the design requirements.

Which of the following steps should you perform?

- A. Upgrade the existing SQL Server 2005 server to SQL Server 2012.
- B. Install one new server running SQL Server 2012.
- C. Install two new servers running SQL Server 2012
- D. Configure Failover Clustering
- E. Configure AlwaysOn

Correct Answer: ABE

QUESTION 2



DRAG DROP

You manage a Microsoft SQL Server instance with data connection configured. You create a Management Data Warehouse instance in a different instance.

Currently all the System Data collection sets are stopped.

You need to configure the System Data collection sets to perform historical and trend analyses by using Data collection reports.

Which System Data collection sets should you use? To answer, drag the appropriate System Data collection sets to the correct targets. Each System Data collection set may be used once, more than once, or not at all. You may need to drag

the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Select and Place:

Collections sets	Answer area	Analysis requirement	System data collection set
Disk Usage	● ● ● ●	Disk space usage for each database	
Query Statistics		Disk I/O usage of the instance	
Server Activity		Query plans of top queries by total I/O	
		System memory usage	

Correct Answer:

Collections sets	Answer area	Analysis requirement	System data collection set
Disk Usage	● ● ● ●	Disk space usage for each database	Disk Usage
Query Statistics		Disk I/O usage of the instance	Disk Usage
Server Activity		Query plans of top queries by total I/O	Query Statistics
		System memory usage	Server Activity

QUESTION 3



You are creating an application that will connect to the AgentPortal database by using a SQL login named AgentPortalUser. Stored procedures in the database will use sp_send_dbmail to send email messages.

You create a user account in the msdb database for the AgentPortalUser login.

You use the Database Mail Configuration Wizard to create a Database Mail profile. Security has not been configured for the Database Mail profile.

You need to ensure that AgentPortalUser can send email messages.

What should you do?

- A. In the Database Mail Configuration Wizard, configure the Database Mail profile as a private profile for the AgentPortalUser account.
- B. Disable the guest user in the msdb database.
- C. Use the sysmail_help_profileaccount_sp stored procedure to add accounts to the Database Mail profile.
- D. In the Database Mail Configuration Wizard, create an email account for each recipient's email address in the Database Mail profile.

Correct Answer: A

You enable and configure Database Mail using the Database Mail Configuration Wizard. Profiles are either public or private. A private profile is accessible only to specific users or roles.

References: <https://docs.microsoft.com/en-us/sql/relational-databases/database-mail/configure-database-mail>

QUESTION 4

You are a database administrator for an organization. You must allow the members of the human resources department to add new employee records to the HR.Employees table. All members of the human resources department are assigned the HumanResources database only.

You need to ensure that members of the human resources department can add records to the table.

Which Transact-SQL statement should you run?

- A. GRANT INSERT ON HR.Employees to HumanResources
- B. GRANT UPDATE ON HR.Employees to HumanResources
- C. GRANT REFERENCES ON SCHEMA :: HR to HumanResources
- D. GRANT ALTER ON HR.Employees to HumanResources

Correct Answer: A

To add records you would the INSERT permission.

References: <https://docs.microsoft.com/en-us/sql/t-sql/statements/grant-object-permissions-transact-sql>

**QUESTION 5**

Note: This question is part of a series of questions that use the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.

You are a database administrator for a company that has an on-premises Microsoft SQL Server environment and Microsoft Azure SQL Database instances. The environment hosts several customer databases, and each customer uses a

dedicated instance. The environments that you manage are shown in the following table.



Customer	Cloud Type	Description
AdventureWorks Cycles	Private	The environment includes a database named Adventureworks that contains a single schema named ADVSchema . You must implement auditing for all objects in the ADVSchema schema. You must also implement auditing to record access to data that is considered sensitive by the company.
Tailspin Toys	Private	Tailspin Toys has a custom application that accesses a hosted database named TSpinDB . The application will monitor TSpinDB and capture information over time about which database objects are accessed and how frequently they are accessed.
Contoso, Ltd.	Private	The environment has a database named ConDB that was recently upgraded to Microsoft SQL Server 2016. Contoso reports that ConDB is slow to return results when the server is busy. You must modify the startup parameters to ConDB to optimize performance.
Wingtip Toys	Private	Wingtip Toys has a database named WingDB . All tables in the database have indexes. Users report system response time is slow during peak activity periods. You observe that the performance issues are related to locking. Wingtip Toys receives data updates from suppliers each week. You must implement a process for importing the data into WingDB . You must use minimal logging and minimized data loss during import process.
Wide World Importers	Public	The environment includes a database named WDWDB . Neither auditing nor statistics are configured for WDWDB . You must log any deletion of views and all database record update operations.

You need to configure auditing for the Adventure Works environment.

How should you complete the Transact-SQL statement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Answer Area

```
USE master
```

```
GO
```

```
▼ AuditADUAccess  
CREATE DATABASE AUDIT  
ALTER DATABASE AUDIT  
CREATE SERVER AUDIT  
ALTER SERVER AUDIT
```

```
    TO FILE ( FILEPATH = 'C:\ADUVAudit\' )  
    WHERE object_name = 'SensitiveData'
```

```
GO
```

```
▼ AuditADUAccess WITH (STATE = ON)  
CREATE DATABASE AUDIT  
ALTER DATABASE AUDIT  
CREATE SERVER AUDIT  
ALTER SERVER AUDIT
```

```
GO
```

```
Use Adventureworks
```

```
▼ SPECIFICATION [FilterForSensitiveData]  
CREATE DATABASE AUDIT  
ALTER DATABASE AUDIT  
CREATE SERVER AUDIT  
ALTER SERVER AUDIT
```

```
▼ [AuditADUAccess]  
FOR SERVER AUDIT  
FOR DATABASE AUDIT  
USE [AuditDataAcces]  
SELECT ID
```

```
ADD (SELECT ON SCHEMA::[ADUSchema] BY [public])  
WITH (STATE = ON)
```

```
GO
```

Correct Answer:



Answer Area

```
USE master
```

```
GO
```

```
▼ AuditADUAccess  
CREATE DATABASE AUDIT  
ALTER DATABASE AUDIT  
CREATE SERVER AUDIT  
ALTER SERVER AUDIT
```

```
    TO FILE ( FILEPATH = 'C:\ADUVAudit\' )  
    WHERE object_name = 'SensitiveData'
```

```
GO
```

```
▼ AuditADUAccess WITH (STATE = ON)  
CREATE DATABASE AUDIT  
ALTER DATABASE AUDIT  
CREATE SERVER AUDIT  
ALTER SERVER AUDIT
```

```
GO
```

```
Use Adventureworks
```

```
▼ SPECIFICATION [FilterForSensitiveData]  
CREATE DATABASE AUDIT  
ALTER DATABASE AUDIT  
CREATE SERVER AUDIT  
ALTER SERVER AUDIT
```

```
▼ [AuditADUAccess]  
FOR SERVER AUDIT  
FOR DATABASE AUDIT  
USE [AuditDataAcces]  
SELECT ID
```

```
ADD (SELECT ON SCHEMA::[ADUSchema] BY [public])  
WITH (STATE = ON)
```

```
GO
```

Box 1: CREATE SERVER AUDIT

Create the server audit.

You must implement auditing to record access to data that is considered sensitive by the company.

Create database audit

Box 2: ALTER SERVER AUDIT



Enable the server audit.

Box 3: CREATE DATABASE AUDIT

Create the database audit specification.

Box 4: FOR SERVER AUDIT

You must implement auditing for all objects in the ADVSchema.

References: <https://docs.microsoft.com/en-us/sql/relationaldatabases/security/auditing/create-a-server-audit-and-database-audit-specification>

[70-764 VCE Dumps](#)

[70-764 Exam Questions](#)

[70-764 Braindumps](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase

24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

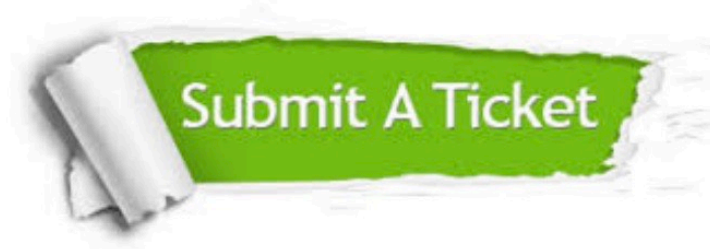
We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.lead4pass.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.

To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.

All trademarks are the property of their respective owners.

Copyright © lead4pass, All Rights Reserved.