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## **Q&A**

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**Exam** : **70-458**

**Title** : Transition Your MCTS on  
SQL Server 2008 to MCSA:  
SQL Server 2012, Part 2

**Version** : DEMO

1.Note: This question is part of a series of questions that use the same set of answer choices. An answer choice may be correct for more than one question in the series.

You administer a Microsoft SQL Server 2012 server that hosts a transactional database and a reporting database. The transactional database is updated through a web application and is operational throughout the day. The reporting database is only updated from the transactional database.

The recovery model and backup schedule are configured as shown in the following table:

Database	Description
Transactional database	Recovery model: <ul style="list-style-type: none"> <li>● Full</li> </ul> Backup schedule: <ul style="list-style-type: none"> <li>● Full database backup: midnight, daily</li> <li>● Differential database backup: on the hour, every two hours starting at 02:00 hours except at 00:00 hours</li> <li>● Log backup: every half hour, except at the times of full and differential backups</li> </ul>
Reporting database	Recovery model: <ul style="list-style-type: none"> <li>● Simple</li> </ul> Backup schedule: <ul style="list-style-type: none"> <li>● Full database backup: 01:00 hours daily</li> <li>● Differential database backup: 13:00 hours daily</li> </ul> Data updates: <ul style="list-style-type: none"> <li>● Changes in data are updated from the transactional database to the reporting database at 00:30 hours and at 12:30 hours</li> <li>● The update takes 15 minutes</li> </ul>

One of the hard disk drives that stores the reporting database fails at 16:40 hours. You need to ensure that the reporting database is restored. You also need to ensure that data loss is minimal.

What should you do?

- A. Restore the latest full backup. Then, restore each differential backup taken before the time of failure from the most recent full backup.
- B. Perform a partial restore.
- C. Restore the latest full backup, and restore the latest differential backup. Then, restore the latest log backup.
- D. Restore the latest full backup.
- E. Perform a page restore.
- F. Restore the latest full backup, and restore the latest differential backup. Then, restore each log backup taken before the time of failure from the most recent differential backup.
- G. Restore the latest full backup. Then, restore the latest differential backup.
- H. Perform a point-in-time restore.

**Answer:** G

**Explanation:**

<http://msdn.microsoft.com/en-us/library/ms187048.aspx>

<http://msdn.microsoft.com/en-us/library/ms186289.aspx>

- <http://msdn.microsoft.com/en-us/library/ms175477.aspx>
- <http://msdn.microsoft.com/en-us/library/ms189860.aspx>
- <http://msdn.microsoft.com/en-us/library/ms179314.aspx>
- <http://msdn.microsoft.com/en-us/library/ms175526.aspx>
- <http://msdn.microsoft.com/en-us/library/ms191539.aspx>
- <http://msdn.microsoft.com/en-us/library/ms191429.aspx>
- <http://msdn.microsoft.com/en-us/library/ms191253.aspx>

2.Note: This question is part of a series of questions that use the same set of answer choices. An answer choice may be correct for more than one question in the series.

You administer a Microsoft SQL Server 2012 server that hosts a transactional database and a reporting database. The transactional database is updated through a web application and is operational throughout the day. The reporting database is only updated from the transactional database.

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One of the hard disk drives that stores the transactional database fails at 23:32 hours. Attempts to create a tail log backup are unsuccessful.

You need to ensure that the transactional database is restored. You also need to ensure that data loss is minimal,

What should you do?

- A. Perform a page restore.
- B. Perform a partial restore.
- C. Perform a point-in-time restore.
- D. Restore the latest full backup.

- E. Restore the latest full backup. Then, restore the latest differential backup.
- F. Restore the latest full backup, and restore the latest differential backup. Then, restore the latest log backup.
- G. Restore the latest full backup, and restore the latest differential backup. Then, restore each log backup taken before the time of failure from the most recent differential backup.
- H. Restore the latest full backup. Then, restore each differential backup taken before the time of failure from the most recent full backup.

**Answer: G**

3.Note: This question is part of a series of questions that use the same set of answer choices. An answer choice may be correct for more than one question in the series.

You administer a Microsoft SQL Server 2012 server that hosts a transactional database and a reporting database. The transactional database is updated through a web application and is operational throughout the day. The reporting database is only updated from the transactional database.

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At 16:20 hours, you discover that pages 17, 137, and 205 on one of the database files are corrupted on the transactional database. You need to ensure that the transactional database is restored. You also need to ensure that data loss is minimal.

What should you do?

- A. Perform a page restore.
- B. Perform a partial restore.
- C. Perform a point-in-time restore.
- D. Restore the latest full backup.
- E. Restore the latest full backup. Then, restore the latest differential backup.

F. Restore the latest full backup, and restore the latest differential backup. Then, restore the latest log backup.

G. Restore the latest full backup, and restore the latest differential backup. Then, restore each log backup taken before the time of failure from the most recent differential backup.

H. Restore the latest full backup. Then, restore each differential backup taken before the time of failure from the most recent full backup.

**Answer:** A

**Explanation:**

<http://msdn.microsoft.com/en-us/library/ms187048.aspx>

<http://msdn.microsoft.com/en-us/library/ms186289.aspx>

<http://msdn.microsoft.com/en-us/library/ms175477.aspx>

<http://msdn.microsoft.com/en-us/library/ms189860.aspx>

<http://msdn.microsoft.com/en-us/library/ms179314.aspx>

<http://msdn.microsoft.com/en-us/library/ms175526.aspx>

<http://msdn.microsoft.com/en-us/library/ms191539.aspx>

<http://msdn.microsoft.com/en-us/library/ms191429.aspx>

<http://msdn.microsoft.com/en-us/library/ms191253.aspx>

4. Note: This question is part of a series of questions that use the same set of answer choices. An answer choice may be correct for more than one question in the series.

You administer a Microsoft SQL Server 2012 server that hosts a transactional database and a reporting database. The transactional database is updated through a web application and is operational throughout the day. The reporting database is only updated from the transactional database.

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The differential backup of the reporting database fails. Then, the reporting database fails at 14:00 hours. You need to ensure that the reporting database is restored. You also need to ensure that data loss is minimal.

What should you do?

- A. Perform a page restore.
- B. Perform a partial restore.
- C. Perform a point-in-time restore.
- D. Restore the latest full backup.
- E. Restore the latest full backup. Then, restore the latest differential backup.
- F. Restore the latest full backup, and restore the latest differential backup. Then, restore the latest log backup.
- G. Restore the latest full backup, and restore the latest differential backup. Then, restore each log backup taken before the time of failure from the most recent differential backup.
- H. Restore the latest full backup. Then, restore each differential backup taken before the time of failure from the most recent full backup.

**Answer:** D

**Explanation:**

<http://msdn.microsoft.com/en-us/library/ms187048.aspx>

<http://msdn.microsoft.com/en-us/library/ms186289.aspx>

<http://msdn.microsoft.com/en-us/library/ms175477.aspx>

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<http://msdn.microsoft.com/en-us/library/ms175526.aspx>

<http://msdn.microsoft.com/en-us/library/ms191539.aspx>

<http://msdn.microsoft.com/en-us/library/ms191429.aspx>

<http://msdn.microsoft.com/en-us/library/ms191253.aspx>

5. You are a data warehouse developer responsible for developing data cleansing processes. Duplicate employees exist in an employee dimension. You need to map, discover, and manage domain values based on the employee dimension.

Which Data Quality Services (DQS) option should you use? (To answer, select the appropriate option in the answer area.)



**Answer:**

