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```
CREATE EXTERNAL DATA SOURCE source1
WITH
( LOCATION = 'https://account1.
    ( LOCATION = 'https://account1.
      blob
      dfs
      table
    )
    PUSHDOWN = ON
    TYPE = BLOB_STORAGE
    TYPE = HADOOP
  )
```

Correct Answer:

```
CREATE EXTERNAL DATA SOURCE source1
WITH
( LOCATION = 'https://account1.
    ( LOCATION = 'https://account1.
      blob
      dfs
      table
    )
    PUSHDOWN = ON
    TYPE = BLOB_STORAGE
    TYPE = HADOOP
  )
```

QUESTION 108

You have an Azure Data Factory pipeline that is triggered hourly.

The pipeline has had 100% success for the past seven days.

The pipeline execution fails, and two retries that occur 15 minutes apart also fail. The third failure returns the following error.

```
ErrorCode=UserErrorFileNotFound,
'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=ADLS
Gen2 operation failed for: Operation returned an invalid status code
'NotFound'. Account: 'contosoproduksouth' FileSystem: wwi.Path:
'BIKES/CARBON/year=2021/month=01/day=10/hour=06'. ErrorCode:
'PathNotFound'.Message: 'The specified path does not exist.'. RequestId:
'6d269b78-901f-001b-4924-e7a7bc000000'. TimeStamp: 'Sun, 10 Jan 2021 07:45:05'
```

What is a possible cause of the error?

- A. From 06:00 to 07:00 on January 10, 2021, there was no data in wwi/BIKES/CARBON.
- B. The parameter used to generate year=2021/month=01/day=10/hour=06 was incorrect.
- C. From 06:00 to 07:00 on January 10, 2021, the file format of data in wwi/BIKES/CARBON was incorrect.
- D. The pipeline was triggered too early.

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Correct Answer: B

QUESTION 109

You have an Azure Data Factory pipeline that performs an incremental load of source data to an Azure Data Lake Storage Gen2 account.

Data to be loaded is identified by a column named LastUpdatedDate in the source table.

You plan to execute the pipeline every four hours.

You need to ensure that the pipeline execution meets the following requirements:

- Automatically retries the execution when the pipeline run fails due to concurrency or throttling limits.
- Supports backfilling existing data in the table.

Which type of trigger should you use?

- A. tumbling window
- B. on-demand
- C. event
- D. schedule

Correct Answer: A

Explanation:

The Tumbling window trigger supports backfill scenarios. Pipeline runs can be scheduled for windows in the past.

Reference:

<https://docs.microsoft.com/en-us/azure/data-factory/concepts-pipeline-execution-triggers>

QUESTION 110

You have an Azure subscription that contains a SQL Server on Azure Virtual Machines instance named SQLVMI. SQLVMI hosts a database named OBI.

You need to retrieve query plans from the Query Store on DB1.

What should you do first?

- A. On SQLVMI1, install the SQL Server IaaS Agent extension.
- B. From Microsoft SQL Server Management Studio, modify the properties of the SQL Server instance.
- C. From Microsoft SQL Server Management Studio, modify the properties of DB 1.
- D. On SQLVMI1, install the Azure Monitor agent for Windows.

Correct Answer: B

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QUESTION 111

HOTSPOT

You have an Azure Data Factory instance named ADF1 and two Azure Synapse Analytics workspaces named WS1 and WS2.

ADF1 contains the following pipelines:

- P1: Uses a copy activity to copy data from a nonpartitioned table in a dedicated SQL pool of WS1 to an Azure Data Lake Storage Gen2 account
- P2: Uses a copy activity to copy data from text-delimited files in an Azure Data Lake Storage Gen2 account to a nonpartitioned table in a dedicated SQL pool of WS2

You need to configure P1 and P2 to maximize parallelism and performance.

Which dataset settings should you configure for the copy activity of each pipeline? To answer, select the appropriate options in the answer area.

P1:

<input type="checkbox"/>	Set the Copy method to Bulk insert.
<input type="checkbox"/>	Set the Copy method to PolyBase.
<input type="checkbox"/>	Set the Isolation level to Repeatable read.
<input type="checkbox"/>	Set the Partition option to Dynamic range.

P2:

<input type="checkbox"/>	Set the Copy method to Bulk insert.
<input type="checkbox"/>	Set the Copy method to PolyBase.
<input type="checkbox"/>	Set the Isolation level to Repeatable read.
<input type="checkbox"/>	Set the Partition option to Dynamic range.

Correct Answer:

P1:

<input type="checkbox"/>	Set the Copy method to Bulk insert.
<input type="checkbox"/>	Set the Copy method to PolyBase.
<input checked="" type="checkbox"/>	Set the Isolation level to Repeatable read.
<input checked="" type="checkbox"/>	Set the Partition option to Dynamic range.

P2:

<input checked="" type="checkbox"/>	Set the Copy method to Bulk insert.
<input checked="" type="checkbox"/>	Set the Copy method to PolyBase.
<input checked="" type="checkbox"/>	Set the Isolation level to Repeatable read.
<input checked="" type="checkbox"/>	Set the Partition option to Dynamic range.

QUESTION 112

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have SQL Server 2019 on an Azure virtual machine.

You are troubleshooting performance issues for a query in a SQL Server instance.

To gather more information, you query sys.dm_exec_requests and discover that the wait type is

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PAGELATCH_UP and the wait_resource is 2:3:905856.

You need to improve system performance.
Solution: You create additional tempdb files.

Does this meet the goal?

- A. Yes
- B. No

Correct Answer: A

Explanation:

<https://docs.microsoft.com/en-US/troubleshoot/sql/performance/recommendations-reduce-allocation-contention>

QUESTION 113

You have a on-premises Microsoft SQL Server named SQL1 that hosts five databases.

You need to migrate the databases to an Azure SQL managed instance. The solution must minimize downtime and prevent data loss.

What should you use?

- A. log shipping
- B. Always On availability groups
- C. Database Migration Assistant
- D. Backup and Restore

Correct Answer: A

QUESTION 114

HOTSPOT

You have SQL Server on an Azure virtual machine that contains a database named DB1.

The database reports a CHECKSUM error.

You need to recover the database.

How should you complete the statements? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

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USE master;

ALTER DATABASE [DB1] SET

GO

▼
OFFLINE
ONLINE
SINGLE_USER
TRUSTWORTHY

WITH ROLLBACK IMMEDIATE;

DBCC CHECKDB ('DB1',

GO

▼
MOINDEX
PHYSICAL_ONLY
REPAIR_ALLOW_DATA_LOSS
REPAIR_FAST

WITH NO_INFOMSGS;

ALTER DATABASE [DB1] SET

GO

▼
MULTI_USER;
ONLINE;
OPEN;
TRUSTWORTHY;

Correct Answer:

USE master;

ALTER DATABASE [DB1] SET

GO

▼
OFFLINE
ONLINE
SINGLE_USER
TRUSTWORTHY

WITH ROLLBACK IMMEDIATE;

DBCC CHECKDB ('DB1',

GO

▼
MOINDEX
PHYSICAL_ONLY
REPAIR_ALLOW_DATA_LOSS
REPAIR_FAST

WITH NO_INFOMSGS;

ALTER DATABASE [DB1] SET

GO

▼
MULTI_USER;
ONLINE;
OPEN;
TRUSTWORTHY;

QUESTION 115

HOTSPOT

You have two on-premises servers that run Windows Server 2019 and host a Microsoft SQL Server 2017 Always On availability group named AG1. AG1 contains a single database named DB1.

You have an Azure subscription. The subscription contains a virtual machine named VM1 that runs Linux.

You need to migrate DB1 to a SQL Server 2019 instance on VM1. The solution must minimize the downtime of DB1 during the migration.

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