Free Questions for DP-203 by certscare

Shared by Stephens on 29-01-2024

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Question 1

Question Type: **Hotspot**

You have an Azure subscription that contains an Azure Cosmos DB analytical store and an Azure Synapse Analytics workspace named WS 1. WS1 has a serverless SQL pool name Pool1.

You execute the following query by using Pool1.

```
WITH IDENTITY = 'SHARED A
SECRET = 'fed43474798724234335636534563456345ddfa==';
```

se, select No.

Answer Area

Statements	Yes
The query returns three columns.	○
The container being queried is named `clients`.	○
Authentication is performed by using an account key.	○

Answer:

Question 2

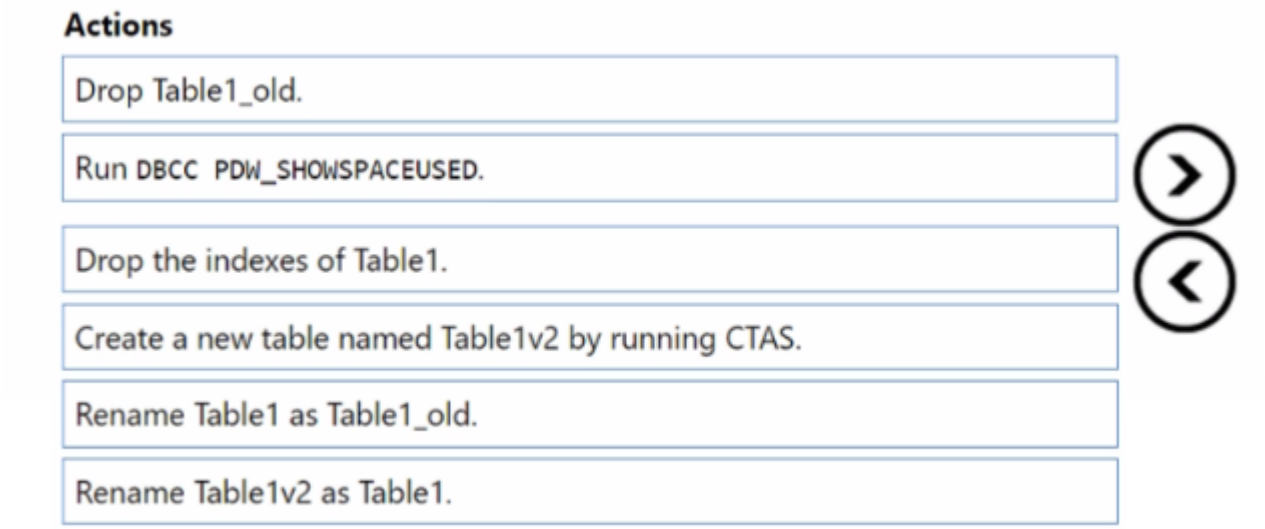
Question Type: OrderList

You have an Azure Synapse Analytics dedicated SQL pool named SQL1 that contains a hash-distributed fact table named Table1.

```
(
    clientID int,
    client varchar(50),
    streetAddress varchar(100)
) AS c;
```

You need to recreate Table1 and add a new distribution column. The solution must maximize the availability of data.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Create a new table named Table1v2 by running CTAS

Question 3

Question Type: Hotspot

In Azure Data Factory, you have a schedule trigger that is scheduled in Pacific Time.

Pacific Time observes daylight saving time.

The trigger has the following JSON file.

statement based on the information presented.

```
{
    "name": "Trigger 1",
```

Answer Area

The trigger will execute **[answer choice]** on Sunday, March 3, 2024.

two times
one time
two times
zero times

The trigger **[answer choice]** daylight saving time.

is unaffected by
is unaffected by
will automatical
will require an a

Answer:

Question 4

Question Type: MultipleChoice

You have an Azure subscription that contains an Azure Data Factory data pipeline named Pipeline1, a Log Analytics workspace named LA1, and a storage account named account1.

```
"schedule" : {
    "minutes": [
        0
    ],
    "hours": [
        3,
        21
    ],

    "weekDays": [
        "Sunday",
        "Saturday"
    ]
}
```

You need to retain pipeline-run data for 90 days. The solution must meet the following requirements:

* The pipeline-run data must be removed automatically after 90 days.

* Ongoing costs must be minimized.

Which two actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

Options:

A- Configure Pipeline1 to send logs to LA1.

B- From the Diagnostic settings (classic) settings of account1. set the retention period to 90 days.

C- Configure Pipeline1 to send logs to account1.

D- From the Data Retention settings of LA1, set the data retention period to 90 days.

Answer:

A, B

Question 5

Question Type: **Hotspot**

You have an Azure subscription that contains the resources shown in the following table.

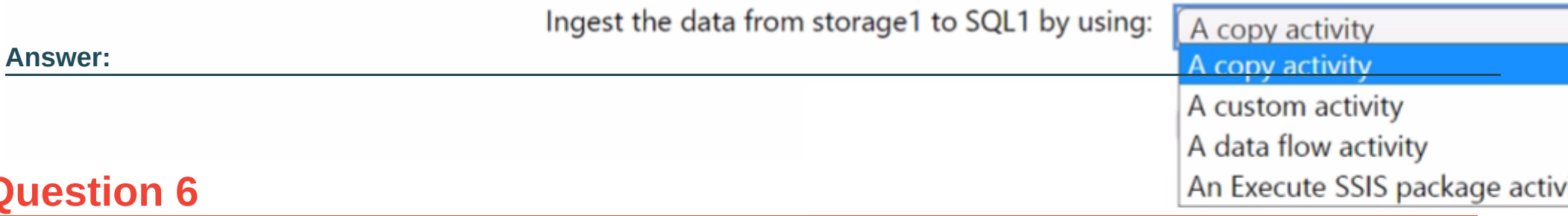
Name	Type	Description
ws1	Azure Synapse Analytics workspace	Contains a pipeline named pipeline1
storage1	Azure Data Lake Storage account	Used to store Apache Parquet data files that include LIST and
SQL1	Azure Synapse Analytics dedicated SQL pool	*None*

" Ensure that files containing additional columns are processed successfully.

How should you configure pipeline1? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area



Answer:

Question 6

Question Type: MultipleChoice

You have an Azure subscription that contains an Azure Synapse Analytics workspace and a user named Used.

You need to ensure that User1 can review the Azure Synapse Analytics database templates from the gallery. The solution must follow the principle of least privilege.

Which role should you assign to User1?

Options:

A- Synapse User

B- Synapse Contributor

C- Storage blob Data Contributor

D- Synapse Administrator

Answer:

A

Question 7

Question Type: MultipleChoice

You have an Azure Synapse Analytics dedicated SQL pool.

You plan to create a fact table named Table1 that will contain a clustered columnstore index.

You need to optimize data compression and query performance for Table1.

What is the minimum number of rows that Table1 should contain before you create partitions?

Options:

A- 100.000

B- 600,000

C- 1 million

D- 60 million

Answer:

A

Question 8

Question Type: MultipleChoice

Note: This question it 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 an Azure Data Lake Storage account that contains a staging zone.

You need to design a daily process to ingest incremental data *rom the staging zone, transform the data by executing an R script and then insert the transformed data into a data warehouse in Azure Synapse Analytics.

Solution: You use an Azure Data Factory schedule trigger to execute a pipeline that executes a mapping data flow, and then inserts the data into the data warehouse.

Does this meet the goal?

Options:

A- Yes

B- NO

Answer:

A

Question 9

Question Type: **MultipleChoice**

You have an Azure Data Factory pipeline named pipeline1 that includes a Copy activity named Copy1. Copy1 has the following configurations:

* The source of Copy1 is a table in an on-premises Microsoft SQL Server instance that is accessed by using a linked service connected via a self-hosted integration runtime.

* The sink of Copy1 uses a table in an Azure SQL database that is accessed by using a linked service connected via an Azure integration runtime.

You need to maximize the amount of compute resources available to Copy1. The solution must minimize administrative effort.

What should you do?

Options:

A- Scale up the data flow runtime of the Azure integration runtime.

B- Scale up the data flow runtime of the Azure integration runtime and scale out the self-hosted integration runtime.

C- Scale out the self-hosted integration runtime.

Answer:

A

Question 10

Question Type: **OrderList**

you have a project in Azure DevOps that contains a repository named Repo1. Repo1 contains a branch named main.

You create a new Azure Synapse workspace named Workspace1.

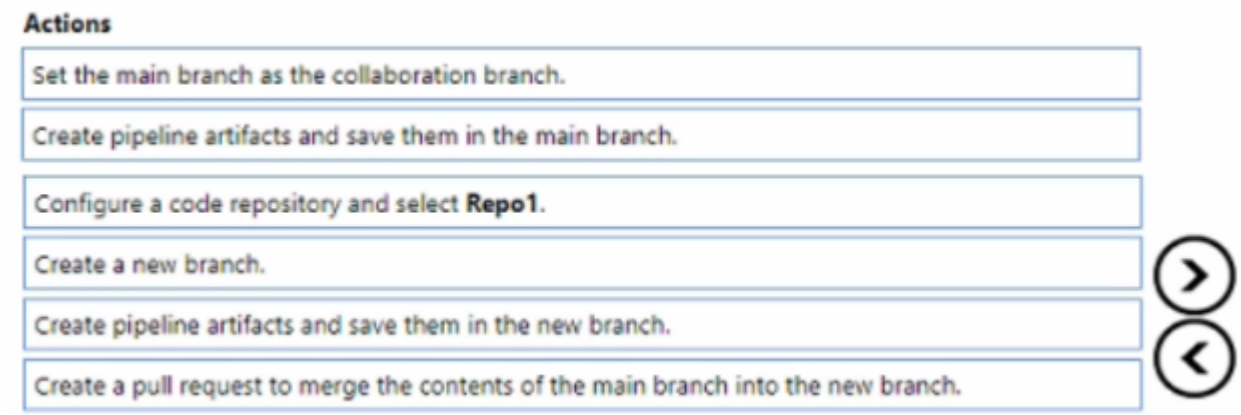
You need to create data processing pipelines in Workspace1. The solution must meet the following requirements:

* Pipeline artifacts must be stored in Repo1.

* Source control must be provided for pipeline artifacts.

* All development must be performed in a feature branch.

which four actions should you perform in sequence in Synapse Studio? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:

Create a pull request to merge the contents of the main branch into the new branch.