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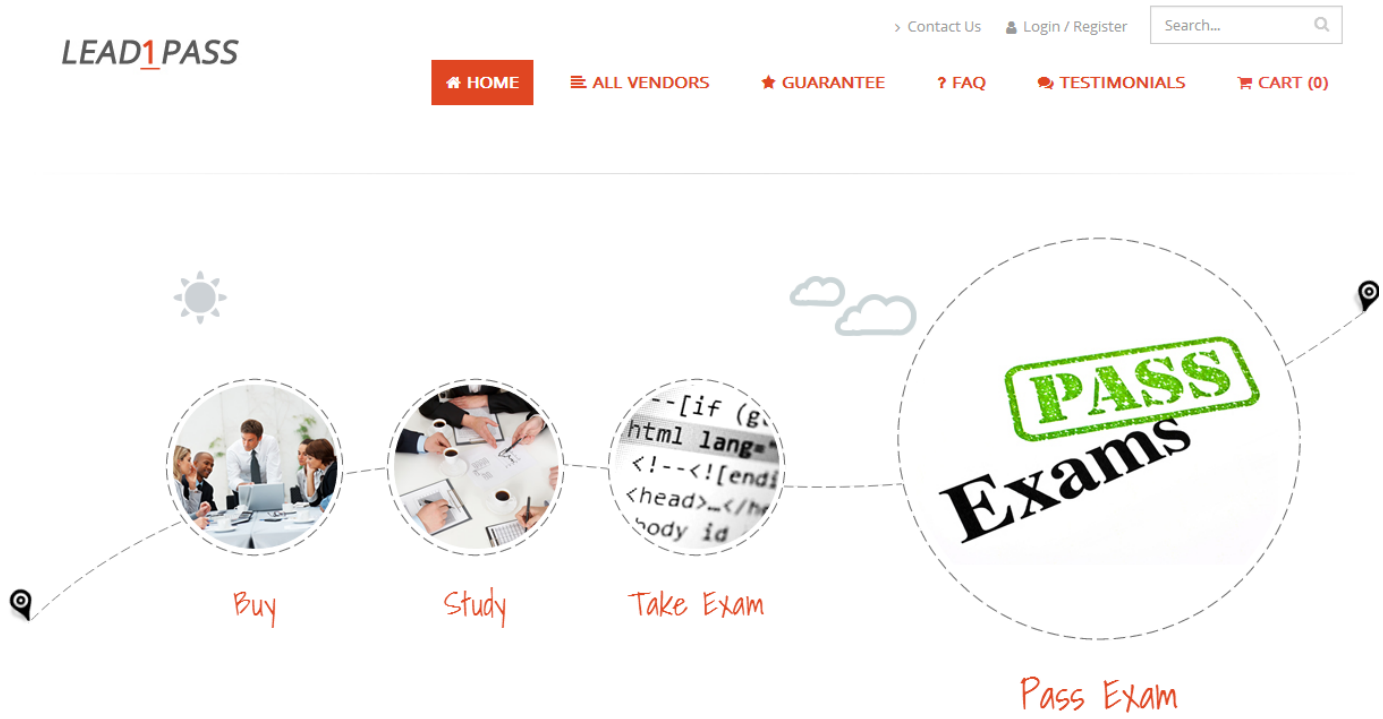

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Exam : **070-776**

Title : Performing Big Data Engineering on Microsoft Cloud Services

Vendor : Microsoft

Version : DEMO

NO.1 You have a Microsoft Azure Data Lake Analytics service.
You plan to configure diagnostic logging.
You need to use Microsoft Operations Management Suite (OMS) to monitor the IP addresses that are used to access the Data Lake Store.
What should you do?

A. Send the audit logs to Log Analytics.

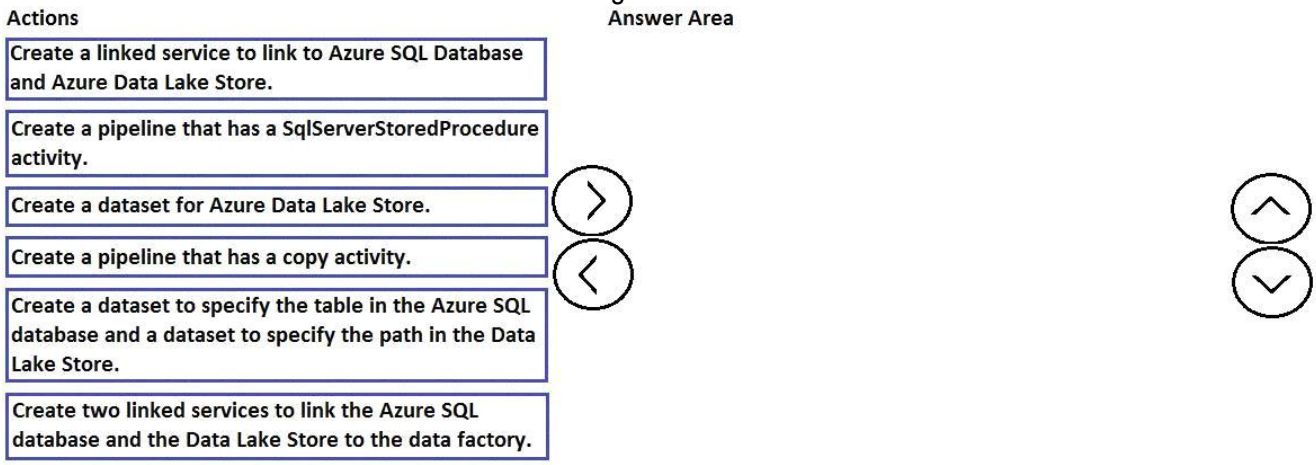
B. Send the request logs to Log Analytics.

C. Stream the audit logs to an event hub.

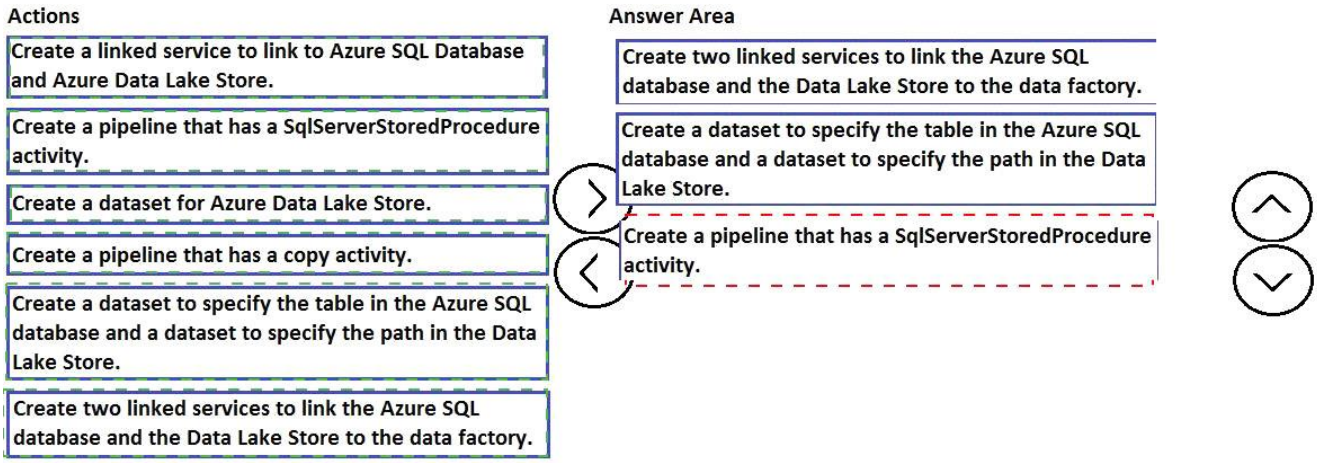
D. Stream the request logs to an event hub.

Answer: A

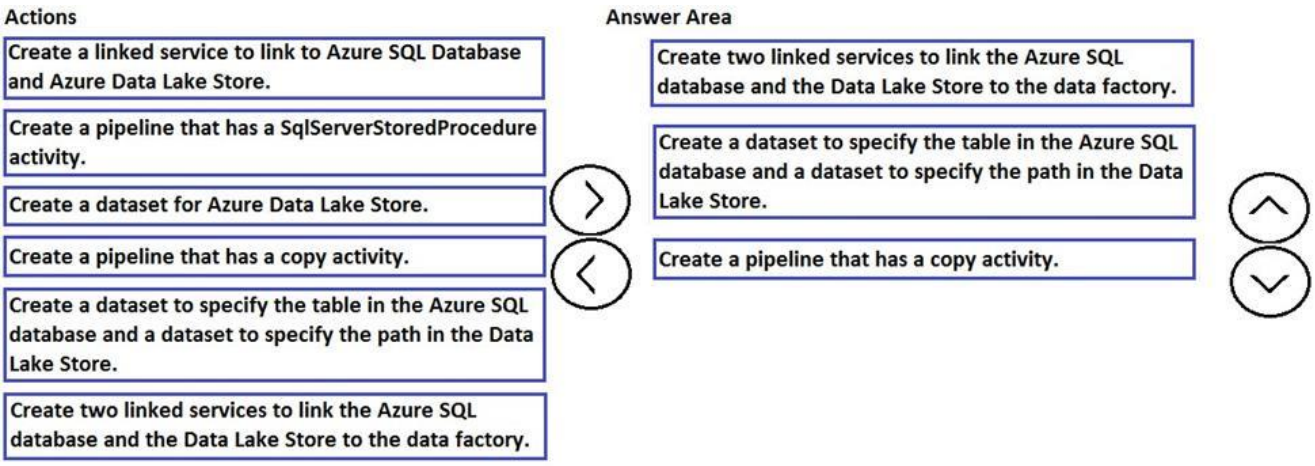
NO.2 You need to copy data from Microsoft Azure SQL Database to Azure Data Lake Store by using Azure Data Factory.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.



Answer:



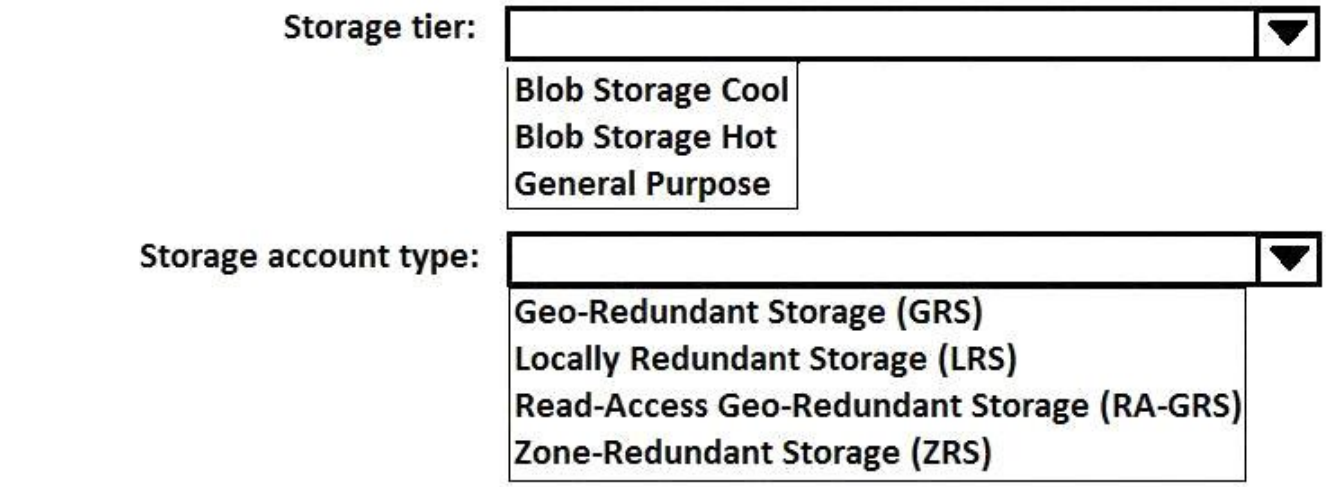
Explanation



References:
https://docs.microsoft.com/en-us/azure/data-factory/copy-activity-overview

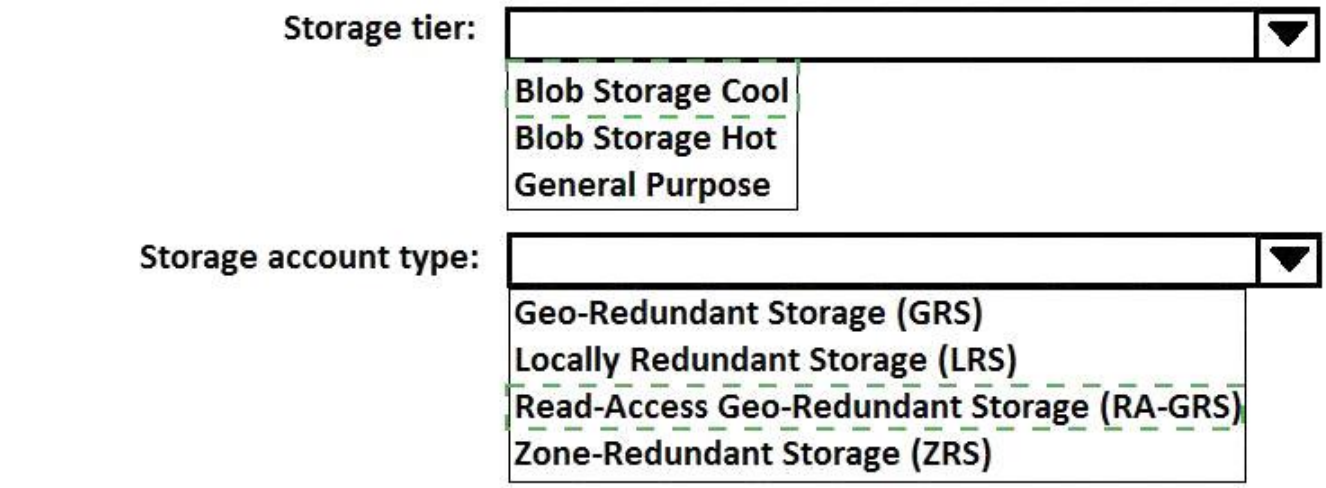
NO.3 Note: This question is part of a series of questions that present the same scenario. For your convenience, the scenario is repeated in each question. Each question presents a different goal and answer choices, but the text of the scenario is exactly the same in each question in this series.
Start of repeated scenario
You are migrating an existing on-premises data warehouse named LocalDW to Microsoft Azure. You will use an Azure SQL data warehouse named AzureDW for data storage and an Azure Data Factory named AzureDF for extract, transformation, and load (ETL) functions.
For each table in LocalDW, you create a table in AzureDW.
On the on-premises network, you have a Data Management Gateway.
Some source data is stored in Azure Blob storage. Some source data is stored on an on-premises Microsoft SQL Server instance. The instance has a table named Table1.
After data is processed by using AzureDF, the data must be archived and accessible forever. The archived data must meet a Service Level Agreement (SLA) for availability of 99 percent. If an Azure region fails, the archived data must be available for reading always. The storage solution for the archived data must minimize costs.
End of repeated scenario.
How should you configure the storage to archive the source data? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area



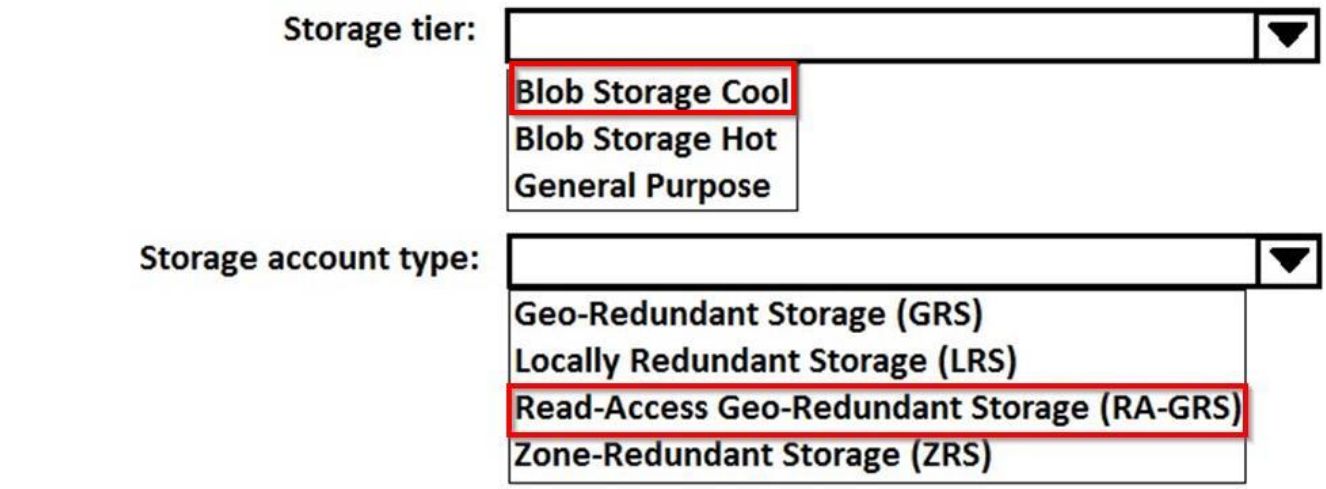
Answer:

Answer Area



Explanation

Answer Area



References:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers

NO.4 You have a Microsoft Azure SQL data warehouse. You have an Azure Data Lake Store that contains data from ORC, RC, Parquet, and delimited text files.
You need to load the data to the data warehouse in the least amount of time possible.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Use Microsoft SQL Server Integration Services (SSIS) to enumerate from the Data Lake Store by using a for loop.

B. Use AzCopy to export the files from the Data Lake Store to Azure Blob storage.

C. For each file in the loop, export the data to Parallel Data Warehouse by using a Microsoft SQL Server Native Client destination.

D. Load the data by executing the CREATE TABLE AS SELECT statement.

E. Use bcp to import the files.

F. In the data warehouse, configure external tables and external file formats that correspond to the Data Lake Store.

Answer: D F
Explanation
References:
https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-load-from-azure-data-lake-store

NO.5 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 are troubleshooting a slice in Microsoft Azure Data Factory for a dataset that has been in a waiting state for the last three days. The dataset should have been ready two days ago.
The dataset is being produced outside the scope of Azure Data Factory. The dataset is defined by using the following JSON code.

```
{
"name": "CustomerTable",
"properties": {
"type": "AzureBlob",
"linkedServiceName": "MyLinkedService",
"typeProperties": {
"folderPath": "MyContainer/MySubFolder/",
"format": {
"type": "TextFormat",
"columnDelimiter": ",",
"rowDelimiter": ";"
}
},
"external": false,
"availability": {
"frequency": "Hour",
"interval": 1
},
"policy": {
}
}
}
```

You need to modify the JSON code to ensure that the dataset is marked as ready whenever there is data in the data store.
Solution: You change the interval to 24.
Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation

References:

https://docs.microsoft.com/en-us/azure/data-factory/v1/data-factory-create-datasets

NO.6 You have an on-premises data warehouse that uses Microsoft SQL Server 2016. All the data in the data warehouse comes from text files stored in Azure Blob storage. The text files are imported into the data warehouse by using SQL Server Integration Services (SSIS). The text files are not

transformed.
You need to migrate the data to an Azure SQL data warehouse in the least amount of time possible.
Which two actions should you perform? Each correct answer presents part of the solution.
NOTE: Each correct selection is worth one point.

A. Use SSIS to upload the files in Azure Blob storage to tables in the Azure SQL data warehouse.

B. Execute the CREATE EXTERNAL TABLE AS SELECT statement to export the data.

C. Use AzCopy to transfer the data from the on-premises data warehouse to Azure SQL data warehouse.

D. Execute the CREATE TABLE AS SELECT statement to load the data.

E. Define external tables in the Azure SQL data warehouse that map to the existing files in Azure Blob storage.

Answer: D E

Explanation

References:

https://docs.microsoft.com/en-us/azure/sql-data-warehouse/sql-data-warehouse-load-from-azure-blob-storage-wi

NO.7 You have a Microsoft Azure Data Lake Store that contains a folder named /Users/User1 and an Azure Active Directory account named User1.
You need to provide access to the Data Lake Store to meet the following requirements:
* Grant User1 read and list access to /Users/User1.
* Prevent User1 from viewing the contents in /Users.
* Minimize the number of permissions granted to User1.
What should you do?

A. Grant User1 Execute permissions to /Users and /Users/User1.

B. Grant User1 Read permissions to /Users folder and /Users/User1.

C. Grant User1 Read permissions to Users/User1.

D. Grant User1 Execute permissions to /Users. Grant Userl Read & Execute permissions to /Users/User1.

Answer: D