Vendor: Microsoft

Exam Code: DP-200

Exam Name: Implementing an Azure Data Solution

Version: 13.02

Q & As: 145

Topic 1, Proseware Inc

Background
Proseware, Inc, develops and manages a product named Poll Taker. The product is used for delivering public opinion polling and analysis.

Polling data comes from a variety of sources, including online surveys, house-to-house interviews, and booths at public events.

Polling data
Polling data is stored in one of the two locations:

▪ An on-premises Microsoft SQL Server 2019 database named PollingData
▪ Azure Data Lake Gen 2

Data in Data Lake is queried by using PolyBase

Poll metadata
Each poll has associated metadata with information about the poll including the date and number of respondents. The data is stored as JSON.

Phone-based polling
Security
Phone-based poll data must only be uploaded by authorized users from authorized devices

Contractors must not have access to any polling data other than their own

Access to polling data must set on a per-active directory user basis

Data migration and loading
All data migration processes must use Azure Data Factory

All data migrations must run automatically during non-business hours

Data migrations must be reliable and retry when needed

Performance
After six months, raw polling data should be moved to a lower-cost storage solution.

Deployments
All deployments must be performed by using Azure DevOps. Deployments must use templates used in multiple environments

No credentials or secrets should be used during deployments

Reliability
All services and processes must be resilient to a regional Azure outage.

Monitoring
All Azure services must be monitored by using Azure Monitor. On-premises SQL Server performance must be monitored.
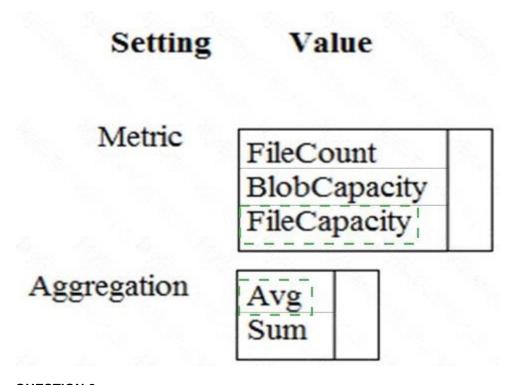
QUESTION 1
HOTSPOT
You need to ensure phone-based polling data upload reliability requirements are met. How should you configure monitoring? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Setting	Value
Metric	FileCount
	BlobCapacity
	FileCapacity
Aggregation	Avg
	Sum

Correct Answer:

Setting   Value

Metric

FileCount	
BlobCapacity	
FileCapacity	

Aggregation

Avg	
Sum	

QUESTION 2
DRAG DROP
You need to ensure that phone-based polling data can be analyzed in the PollingData database.

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

Actions

| Parameterize deployment by using Azure Integration Runtime |
| Configure an Azure Logic App to deploy the deployment artifact |
| Configure Azure DevOps to deploy the deployment artifact |
| Create a deployment artifact containing an extracted Azure Resource Manager template |
| Parameterize deployment by using the Azure Resource Manager template parameter file |
| Create a deployment artifact containing a SQL Server Integration Services (SSIS) package |

Answer Area

Correct Answer:

Actions

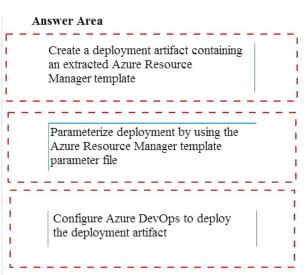| Parameterize deployment by using Azure Integration Runtime |
| Configure an Azure Logic App to deploy the deployment artifact |
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| Parameterize deployment by using the Azure Resource Manager template parameter file |
| Create a deployment artifact containing a SQL Server Integration Services (SSIS) package |

Answer Area

| Create a deployment artifact containing an extracted Azure Resource Manager template |
| Parameterize deployment by using the Azure Resource Manager template parameter file |
| Configure Azure DevOps to deploy the deployment artifact |

QUESTION 3
HOTSPOT