



Free Questions for *AZ-305* by *certsinside*

Shared by *Bush* on *09-08-2024*

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Question 1

Question Type: MultipleChoice

You have an Azure subscription that contains an Azure Cosmos DB for NoSQL account named account1 and an Azure Synapse Analytics workspace named Workspace1. The account1 account contains a container named Container1 that has the analytical store enabled.

You need to recommend a solution that will process the data stored in Container1 in near-real-time (NRT) and output the results to a data warehouse in Workspace1 by using a runtime engine in the workspace. The solution must minimize data movement.

Which pool in Workspace1 should you use?

Options:

- A- serverless SQL
- B- Data Explorer
- C- dedicated SQL
- D- Apache Spark

Answer:

A

Question 2

Question Type: MultipleChoice

You have an Azure subscription that contains 1,000 resources.

You need to generate compliance reports for the subscription. The solution must ensure that the resources can be grouped by department.

What should you use to organize the resources?

Options:

- A- application groups and quotas
- B- resource groups and role assignments
- C- Azure Policy and tags
- D- administrative units and Azure Lighthouse

Answer:

C

Question 3

Question Type: MultipleChoice

You have an Azure virtual machine named VM1 that runs Windows Server 2019 and contains 500 GB of data files.

You are designing a solution that will use Azure Data Factory to transform the data files, and then load the files to Azure Data Lake Storage

What should you deploy on VM1 to support the design?

Options:

- A- the self-hosted integration runtime
- B- the Azure Pipelines agent
- C- the On-premises data gateway
- D- the Azure File Sync agent

Answer:

A

Question 4

Question Type: MultipleChoice

Your company has an on-premises Hyper-V cluster that contains 20 virtual machines. Some of the virtual machines are based on Windows and some in Linux. You have to migrate the virtual machines onto Azure.

You have to recommend a solution that would be used to replicate the disks of the virtual machines to Azure. The solution needs to ensure that the virtual machines remain available when the migration of the disks is in progress.

You decide to create an Azure storage account and then run AzCopy

Would this fulfill the requirement?

Options:

A- Yes

B- No

Answer:

B

Question 5

Question Type: MultipleChoice

Your company currently has an application that is hosted on their on-premises environment. The application currently connects to two databases in the on-premises environment. The databases are named whizlabdb1 and whizlabdb2.

You have to move the databases onto Azure. The databases have to support server-side transactions across both of the databases.

Solution: You decide to deploy the databases to an Azure SQL database-managed instance.

Would this fulfill the requirement?

Options:

A- Yes

B- No

Answer:

A

Question 6

Question Type: MultipleChoice

You have to design a Data Engineering solution for your company. The company currently has an Azure subscription. They also have application data hosted in a database on a Microsoft SQL Server hosted in their on-premises data center server. They want to implement the following requirements Transfer transactional data from the on-premises SQL server onto a data warehouse in Azure. Data needs to be transferred every day in the night as a scheduled job

A managed Spark cluster needs to be in place for data engineers to perform analysis on the data stored in the SQL data warehouse. Here the data engineers should have the ability to develop notebooks in Scala, R and Python.

They also need to have a data lake store in place for the ingestion of data from multiple data sources Which of the following would the use for hosting the data warehouse in Azure?

Options:

- A- Azure Data Factory
- B- Azure Databricks
- C- Azure Data Lake Gen2 Storage accounts
- D- Azure Synapse Analytics

Answer:

D

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