Free Questions for AZ-305 by dumpshq

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Question 1

Question Type: MultipleChoice

You are designing a solution that calculates 3D geometry from height-map dat

a. You need to recommend a solution that meets the following requirements:

* Performs calculations in Azure.

* Ensures that each node can communicate data to every other node.

* Maximizes the number of nodes to calculate multiple scenes as fast as possible.

* Minimizes the amount of effort to implement the solution.

Which two actions should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

Options:

A- Create a render farm that uses virtual machine scale sets.

B- Enable parallel file systems on Azure.

C- Create a render farm that uses virtual machines.

D- Enable parallel task execution on compute nodes.

E- Create a render farm that uses Azure Batch.

Answer:

D, E

Question 2

Question Type: MultipleChoice

You need to recommend a data storage solution that meets the following requirements:

* Ensures that applications can access the data by using a REST connection

* Hosts 20 independent tables of varying sizes and usage patterns

* Automatically replicates the data to a second Azure region

* Minimizes costs

What should you recommend?

Options:

A- an Azure SQL Database elastic pool that uses active geo-replication

B- tables in an Azure Storage account that use read-access geo-redundant storage (RA-GRS)

C- an Azure SQL database that uses active geo-replication

D- tables in an Azure Storage account that use geo-redundant storage (GRS)

Answer:

D

Question 3

Question Type: MultipleChoice

You have 100 devices that write performance data to Azure Blob Storage.

You plan to store and analyze the performance data in an Azure SQL database.

You need to recommend a solution to continually copy the performance data to the Azure SQL database.

What should you include in the recommendation?

Options:

A- Azure Database Migration Service

B- Azure Data Box

C- Data Migration Assistant (DMA)

D- Azure Data Factory

Answer:

D

Question 4

Question Type: MultipleChoice

You have a .NET web service named Service! that performs the following tasks:

* Reads and writes temporary files to the local file system.

* Writes to the Application event log.

You need to recommend a solution to host Service1 in Azure. The solution must meet the following requirements:

* Minimize maintenance overhead.

* Minimize costs.

What should you include in the recommendation?

Options:

A- an Azure Functions app

B- an App Service Environment (ASE)

C- an Azure virtual machine scale set

D- an Azure App Service web app

Answer:

C

Question 5

Question Type: **MultipleChoice**

You have an on-premises line-of-business (LOB) application that uses a Microsoft SQL Server instance as the backend.

You plan to migrate the on-premises SQL Server instance to Azure virtual machines.

You need to recommend a highly available SQL Server deployment that meets the following requirements:

* Minimizes costs

* Minimizes failover time if a single server fails

What should you include in the recommendation?

Options:

A- an Always On availability group that has premium storage disks and a distributed network name (DNN)

B- an Always On Failover Cluster Instance that has a virtual network name (VNN) and a premium file share

C- an Always On Failover Cluster Instance that has a virtual network name (VNN) and a standard file share

D- an Always On availability group that has premium storage disks and a virtual network name (VNN)

Answer:

A

Question 6

Question Type: **MultipleChoice**

You have an Azure web app that uses an Azure key vault named KeyVault1 in the West US Azure region.

You are designing a disaster recovery plan for KeyVault1.

You plan to back up the keys in KeyVault1.

You need to identify to where you can restore the backup.

What should you identify?

Options:

A- KeyVault1 only

B- the same region only

C- the same geography only

D- any region worldwide

Answer:

C

Question 7

Question Type: MultipleChoice

Your on-premises datacenter contains a server that runs Linux and hosts a Java app named Appl. App1 has the following characteristics:

* App1 is an interactive app that users access by using HTTPS connections.

* The number of connections to App1 changes significantly throughout the day.

* App1 runs multiple concurrent instances.

* App1 requires major changes to run in a container.

You plan to migrate App1 to Azure.

You need to recommend a compute solution for Appl. The solution must meet the following requirements:

* The solution must run multiple instances of Appl.

* The number of instances must be managed automatically depending on the load.

* Administrative effort must be minimized.

What should you include in the recommendation?

Options:

A- Azure Batch

B- Azure App Service

C- Azure Kubernetes Service (AKS)

D- Azure Virtual Machine Scale Sets

Answer:

C

Question 8

Question Type: MultipleChoice

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.

Your company plans to deploy various Azure App Service instances that will use Azure SQL databases. The App Service instances will be deployed at the same time as the Azure SQL databases.

The company has a regulatory requirement to deploy the App Service instances only to specific Azure regions. The resources for the App Service instances must reside in the same region.

You need to recommend a solution to meet the regulatory requirement.

Solution: You recommend using an Azure Policy initiative to enforce the location of resource groups.

Does this meet the goal?

Options:

A- Yes

B- No

Answer:

B

Explanation:

This solution does not meet the goal because an Azure Policy initiative can only enforce the location of resources, not resource groups.Resource groups are not a resource type that can be targeted by Azure Policy1.To enforce the location of resource groups, you need to use Azure Resource Manager templates2or Azure PowerShell3to create them in the desired regions.

1:Understand scope in Azure Policy2: Create resource groups with Azure Resource Manager templates3: Create resource groups with Azure PowerShell

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