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Question 1

You are developing a .Net web application that stores data is Azure Consmos DB. The application must use the Core API and allow millions of reads and writes. The Azure Cosmos DII account has been created with multiple write region enabled. The application has been deployed to the East US2 and Central US region.

You need to update the application to support multi-region writes.

What are two possible ways to achieve this goal? Each correct answer presents parts of the solutions.

NOTE: Each correct selection is worth one point.

Options:

A- Update the ConnectionPolicy class for the Cosmos client and populate the PreferredLocations property based on the geo-proximity of the application.

B- Update Azure Cosmos DB to use the Strong consistency level. Add indexed properties to the container to indicate region.

C- Update the ConnectionPolicy class for the Cosmos client and set the UseMultipleWriteLocations property to true.

D- Create and deploy a custom conflict resolution policy.

E- Update Azure Cosmos DB to use the Session consistency level. Send the SessionToken property value from the FeedResponse object of the write action to the end-user by using a cookie.

Answer:

C, D

Question 2

Question Type: MultipleChoice

You are developing a user portal for a company.

You need to create a report for the portal that lists information about employees who are subject matter experts for a specific topic. You must ensure that administrators have full control and cosent over the data.

Which technology should you use?

Options:

A- Microsoft Graph connectors

B- Microosft graph API

C- Microsoft Graph data connect

Answer:

C

Question 3

Question Type: MultipleChoice

You develop and deploy an ASP.NET Core application that connects o an Azure Database for MySQL instance.

Connections to the database appear to drop intermittently and the application code does not handle the connection failure.

You need to handle the transient connection errors in code by implementing retries.

What are three possible ways to achieve this goal? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

Options:

A- Increase connection repeat attempts exponentially up to 120 seconds.

B- Close the database connection and immediately report an error.

C- Wait five seconds before repeating the connection attempt to the database.

D- Disable connection pooling and configure a second Azure Database for MySQL instance.

E- Set a maximum number of connection attempts to 10 and report an error on subsequent connections.

Answer:

B, C, D

Question 4

Question Type: MultipleChoice

You are building a web application that performs image analysis on user photos and returns metadata containing objects identified. The image analysis is very costly in terms of time and compute resources. You are planning to use Azure Redo Cache so Cache uploads do not need to be reprocessed.

In case of an Azure data center outage metadata loss must be kept to a minimum.

You need to configure the Azure Redis cache instance.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection in worth one point.

A- Configure Azure Redis with persistence

B- Configure second storage account for persistence

C- Set backup frequency to the minimum value

D- Configure Azure Redis with RDS persistence

Answer:

B, D

Question 5

Question Type: MultipleChoice

You develop and deploy an Azure App Service web app to a production environment. You enable the Always On setting and the Application Insights site extensions. You deploy a code update and receive multiple failed requests and exceptions in the web app. You need to validate the performance and failure counts of the web app in near real time. Which Application Insights tool should you use?

Options:

A- Snapshot Debugger

B- Profiler

C- Smart Detection

D- Live Metrics Stream

E- Application Map

Answer:

D

Question 6

Question Type: MultipleChoice

You are designing a multi-tiered application that will be hosted on Azure virtual machines. The virtual machines will run Windows Server. Front-end servers will be accessible from the Internet over port 443. The other servers will NOT be directly accessible over the internet

You need to recommend a solution to manage the virtual machines that meets the following requirement

* Allows the virtual machine to be administered by using Remote Desktop.

* Minimizes the exposure of the virtual machines on the Internet Which Azure service should you recommend?

Options:

A- Azure Bastion

B- Service Endpoint

C- Azure Private Link

D- Azure Front Door

Answer:

C

Question 7

Question Type: MultipleChoice

Your company is designing an application named App1 that will use data from Azure SQL Database. App1 will be accessed over the internet by many users.

You need to recommend a solution for improving the performance ofApp1.

What should you include in the recommendation?

Options:

A- Azure HPC cache

B- ExpressRoute

C- a CON profile

D- Azure Cache for Redis

Answer:

D