Solution: Enable Always Encrypted for the SecurityPin column using a certificate contained in Azure Key Vault and grant the WebAppIdentity service principal access to the certificate.

Does the solution meet the goal?

A. Yes
B. No

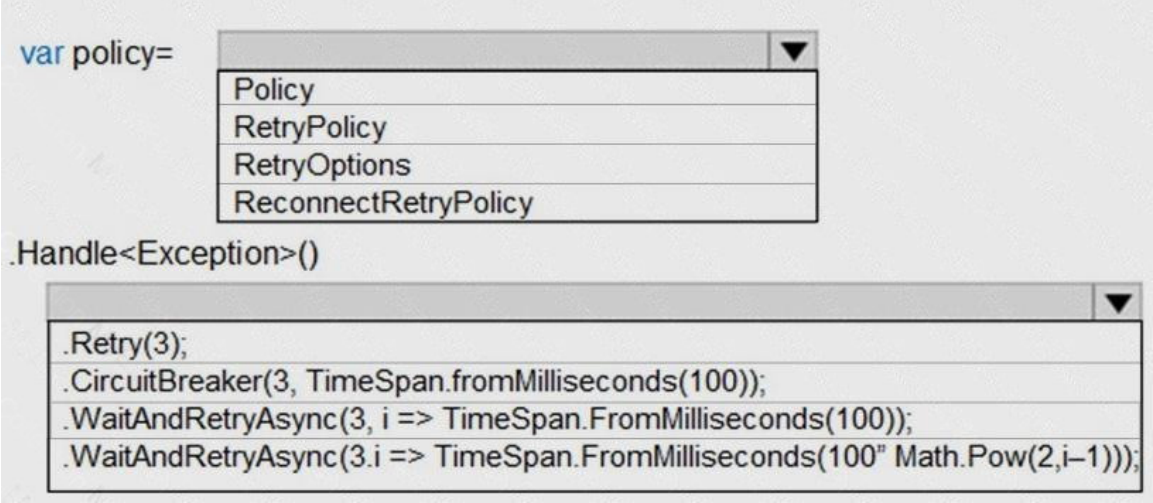
Correct Answer: A
Explanation:
Scenario: Users' SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

QUESTION 5
HOTSPOT
You need to configure retries in the LoadUserDetails function in the Database class without impacting user experience.

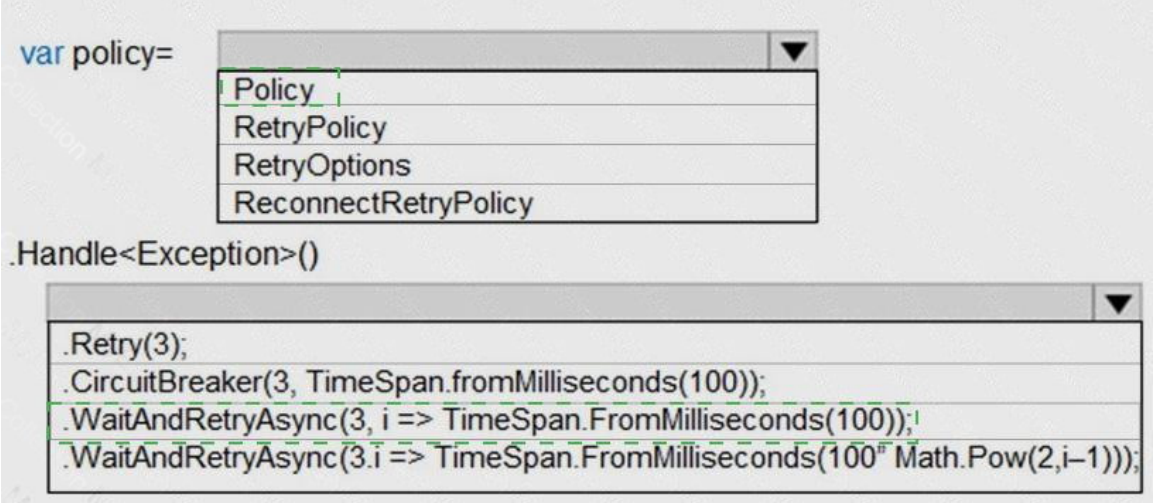
What code should you insert on line DB07?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Correct Answer:

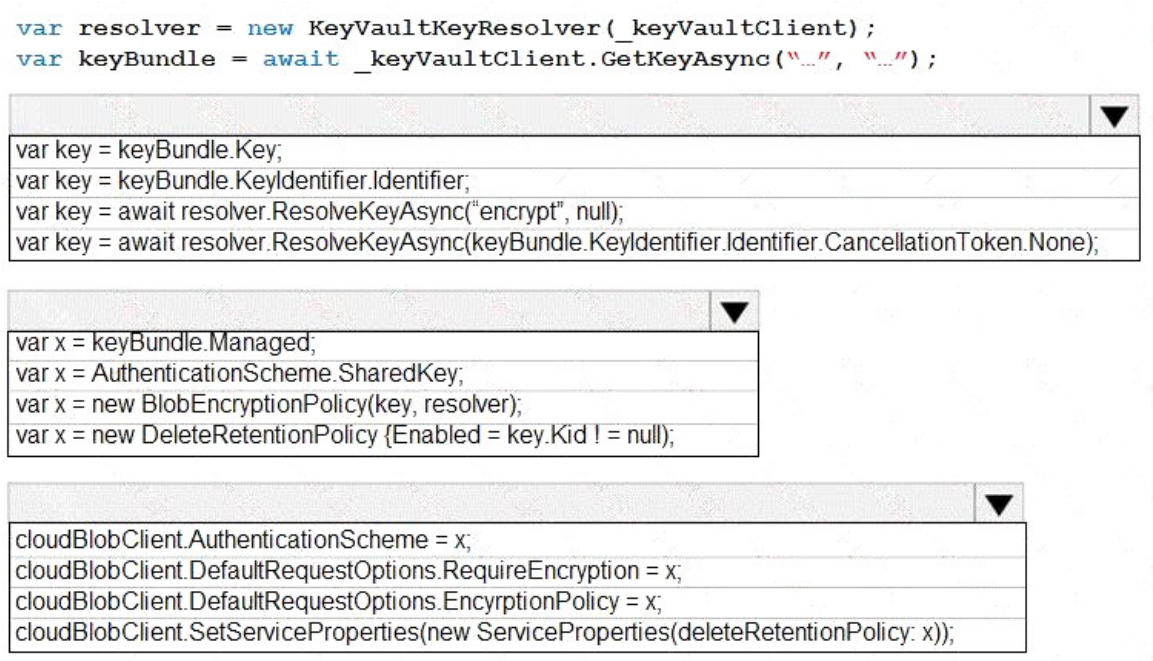


QUESTION 6
HOTSPOT
You need to ensure that security policies are met.

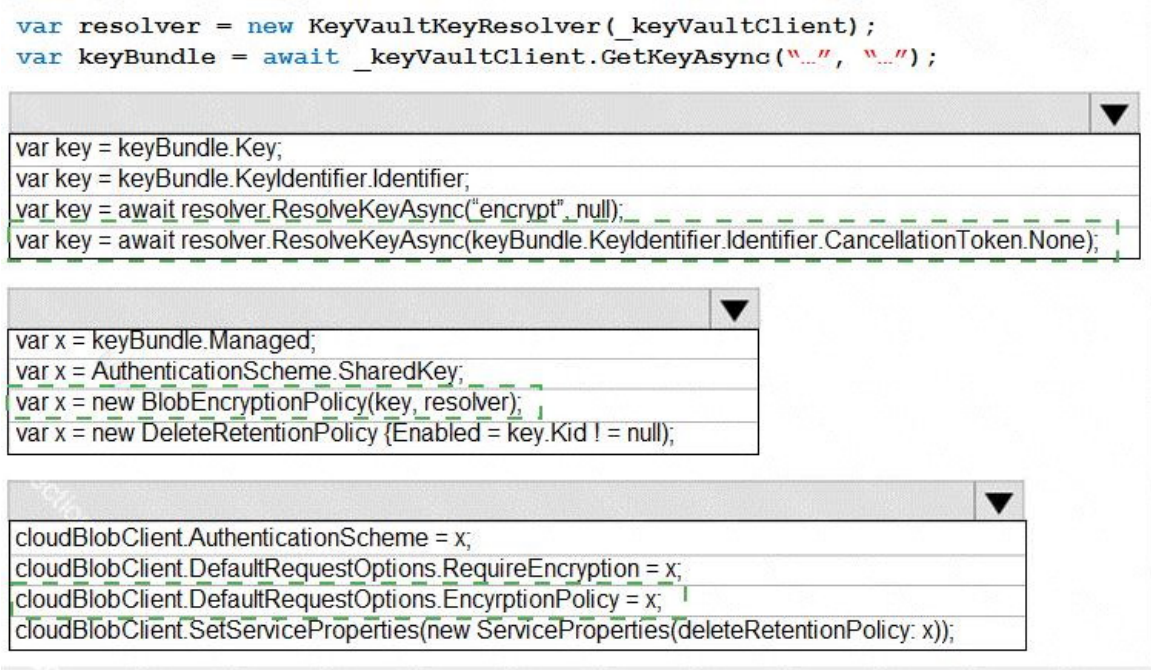
What code should you add at line PC26?

To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.



Correct Answer:



QUESTION 7
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 need to ensure that the SecurityPin security requirements are met.

Solution: Enable Always Encrypted for the SecurityPin column using a certificate based on a trusted certificate authority. Update the Getting Started document with instructions to ensure that the certificate is installed on user machines.

Does the solution meet the goal?

A. Yes
B. No

Correct Answer: B
Explanation:
Enable Always Encrypted is correct, but only the WebAppIdentity service principal should be given access to the certificate.

Scenario: Users' SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

QUESTION 8
You need to resolve the capacity issue. What should you do?

A. Move the Azure Function to a dedicated App Service Plan.
B. Convery the trigger on the Azure Function to a File Trigger.
C. Ensure that the consumption plan is configured correctly to allow for scaling.
D. Update the loop starting on line PC09 to process items in parallel.

Correct Answer: D
Explanation:
If you want to read the files in parallel, you cannot use forEach. Each of the async callback function calls does return a promise. You can await the array of promises that you'll get with Promise.alll.

Scenario: Capacity issue: During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

```
PC08        var container = await GetCloudBlobContainer();
PC09        foreach (var fileItem in await ListFiles())
PC10        {
PC11          var file = new CloudFile (fileItem.StorageUri.PrimaryUri);
PC12          var ms = new MemoryStream();
PC13          await file.DownloadToStreamAsync(ms);
PC14          var blob = container.GetBlockBlobReference (fileItem.Uri.ToString());
PC15          await blob.UploadFromStreamAsync(ms);
PC16
PC17        }
```

References:
https://stackoverflow.com/questions/37576685/using-async-await-with-a-foreach-loop

QUESTION 9
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 need to ensure that the SecurityPin security requirements are met.

Solution: Using the Azure Portal, add Data Masking to the SecurityPin column, and exclude the dbo user. Add a SQL security policy with a filter predicate based on the user identity.

Does the solution meet the goal?

A. Yes
B. No

Correct Answer: B
Explanation:
Instead of DataMasing, enable Always Encrypted for the SecurityPin column.

Scenario: Users' SecurityPin must be stored in such a way that access to the database does not

allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

QUESTION 10
You need to resolve the log capacity issue. What should you do?

A. Implement Application Insights Sampling.
B. Change the minimum log level in the host.json file for the function.
C. Create an Application Insights Telemetry Filter.
D. Set a LogCategoryFilter during startup.

Correct Answer: A
Explanation:
Scenario, the log capacity issue: Developers report that the number of log message in the trace output for the processor is too high, resulting in lost log messages.

Sampling is a feature in Azure Application Insights. It is the recommended way to reduce telemetry traffic and storage, while preserving a statistically correct analysis of application data. The filter selects items that are related, so that you can navigate between items when you are doing diagnostic investigations. When metric counts are presented to you in the portal, they are renormalized to take account of the sampling, to minimize any effect on the statistics.

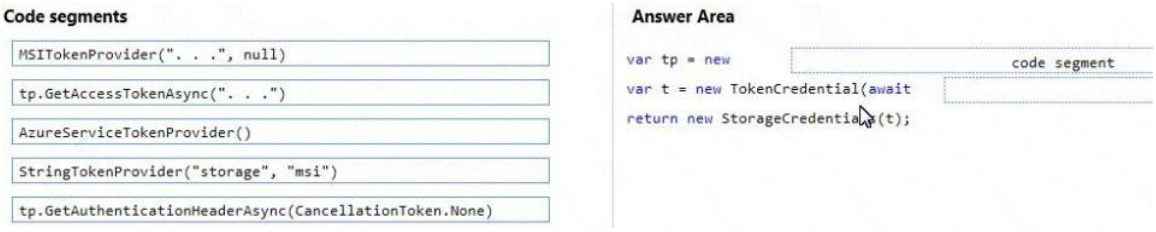
Sampling reduces traffic and data costs, and helps you avoid throttling.

References:
https://docs.microsoft.com/en-us/azure/azure-monitor/app/sampling

QUESTION 11
DRAG DROP
You need to add code at line PC32 in Processing.es to implement the GetCredentials method in the Processing class.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



Correct Answer: