



Designing and Implementing an Azure AI Solution

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QUESTION 1

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, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an app named App1 that uses the Face API.

App1 contains several PersonGroup objects.

You discover that a PersonGroup object for an individual named Ben Smith cannot accept additional entries. The PersonGroup object for Ben Smith contains 10,000 entries.

You need to ensure that additional entries can be added to the PersonGroup object for Ben Smith. The solution must ensure that Ben Smith can be identified by all the entries.

Solution: You create a second PersonGroup object for Ben Smith. Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Instead, use a LargePersonGroup. LargePersonGroup and LargeFaceList are collectively referred to as large-scale operations. LargePersonGroup can contain up to 1 million persons, each with a maximum of 248 faces. LargeFaceList can contain up to 1 million faces. The large-scale operations are similar to the conventional PersonGroup and FaceList but have some differences because of the new architecture.

References: https://docs.microsoft.com/en-us/azure/cognitive-services/face/face-api-how-to-topics/how-to-use-large-scale

QUESTION 2

You have an app that records meetings by using speech-to-text capabilities from the Speech Services API.

You discover that when action items are listed at the end of each meeting, the app transcribes the text inaccurately.

You need to improve the accuracy of the meeting records.

What should you do?

- A. Add a phrase list
- B. Create a custom wake word
- C. Parse the text by using the Language Understanding (LUIS) API



D. Train a custom model by using Custom Translator

Correct Answer: D

Speech Services API with subscribtion to the Microsoft Text Translation API enables you to use Custom Translator to use your own data for more accurate translations.

References: https://www.microsoft.com/en-us/translator/business/customization/

QUESTION 3

You create an Azure Machine Learning Studio experiment.

You plan to publish the experiment as a Machine Learning Web service.

You need to ensure that you can consume the web service from Microsoft Excel spreadsheets.

What should you use?

- A. a Batch Execution Service (BES) and an API key
- B. a Batch Execution Service (BES) and an Azure managed identity
- C. a Request-Response Service (RRS) and an Azure managed identity
- D. a Request-Response Service (RRS) and an API key

Correct Answer: D

Steps to Add a New web service

1.

Deploy a web service or use an existing Web service.

2.

Click Consume.

3.

Look for the Basic consumption info section. Copy and save the Primary Key and the Request-Response URL.

4.

In Excel, go to the Web Services section (if you are in the Predict section, click the back arrow to go to the list of web services).

5.

Click Add Web Service.

6.

Paste the URL into the Excel add-in text box labeled URL.



7.

Paste the API/Primary key into the text box labeled API key.

8.

Click Add.

References: https://docs.microsoft.com/en-us/azure/machine-learning/studio/excel-add-in-for-web-services

QUESTION 4

You are developing a Microsoft Bot Framework application. The application consumes structured NoSQL data that must be stored in the cloud.

You implement Azure Blob storage for the application. You want access to the blob store to be controlled by using a role.

You implement Shared Key authorization on the storage account.

Does this action accomplish your objective?

- A. Yes, it does
- B. No, it does not

Correct Answer: B

Shared Key authorization is not suitable for controlling access to the blob store based on roles. Shared Key authorization provides a storage account access key, which can be used to authenticate and access the blob store. However, it does not support role-based access control (RBAC) or fine-grained access control.

To control access to the blob store based on roles, you should use Azure Blob storage with Azure Active Directory (Azure AD) integration. Azure AD enables you to define roles and assign them to users or groups, allowing you to manage access control at a more granular level. With Azure AD integration, you can use RBAC to control who can perform specific actions on the blob store, such as read, write, or delete.

By combining Azure Blob storage with Azure AD integration and RBAC, you can achieve the objective of controlling access to the blob store based on roles.

QUESTION 5

You are developing a Microsoft Bot Framework application. The application consumes structured NoSQL data that must be stored in the cloud.

You implement Azure Blob storage for the application. You want access to the blob store to be controlled by using a role.

You implement Azure Active Directory (Azure AD) integration on the storage account.

Does this action accomplish your objective?

A. Yes, it does



B. No, it does not

Correct Answer: A

Azure Active Directory (Azure AD) integration for blobs, and queues provides Azure role-based access control (Azure RBAC) for control over a client\\'s access to resources in a storage account.

Reference:

https://docs.microsoft.com/en-us/azure/storage/common/storage-auth

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