



AI-100^{Q&As}

Designing and Implementing an Azure AI Solution

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QUESTION 1

Your plan to design a bot that will be hosted by using Azure Bot Service. Your company identifies the following compliance requirements for the bot:

1.

Payment Card Industry Data Security Standards (PCI DSS)

2.

General Data Protection Regulation (GDPR)

3.

ISO 27001

You need to identify which compliance requirements are met by hosting the bot in the bot service.

What should you identify?

A. PCI DSS only

B. PCI DSS, ISO 27001, and GDPR

C. ISO 27001 only

D. GDPR only

Correct Answer: B

Azure Bot service is compliant with ISO 27001:2013, ISO 27019:2014, SOC 1 and 2, Payment Card Industry Data Security Standard (PCI DSS), and Health Insurance Portability and Accountability Act Business Associate Agreement (HIPAA BAA).

Microsoft products and services, including Azure Bot Service, are available today to help you meet the GDPR requirements.

References:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-service-compliance>

<https://blog.botframework.com/2018/04/23/general-data-protection-regulation-gdpr/>

QUESTION 2

Your company uses an internal blog to share news with employees.

You use the Translator Text API to translate the text in the blog from English to several other languages used by the employee.

Several employees report that the translations are often inaccurate.



You need to improve the accuracy of the translations.

What should you add to the translation solution?

- A. Text Analytics
- B. Language Understanding (LUIS)
- C. Azure Media Services
- D. Custom Translator

Correct Answer: D

Custom Translator is a feature of the Microsoft Translator service. With Custom Translator, enterprises, app developers, and language service providers can build neural translation systems that understand the terminology used in their own business and industry. The customized translation system will then seamlessly integrate into existing applications, workflows and websites.

Custom Translator allows users to customize Microsoft Translator's advanced neural machine translation for Translator's supported neural translation languages. Custom Translator can be used for customizing text when using the Microsoft Translator Text API , and speech translation using the Microsoft Speech services.

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

QUESTION 3

Your company is about to deploy an Azure Machine Learning experiment. The company is concerned that the experiment might not be adhering to GDPR regulations.

You have been instructed to do a review of the experiment's adherence to GDPR regulations. You must perform the review as quickly as possible.

Which of the following actions should you take?

- A. Make use of Azure Policy
- B. Make use of Azure Security Center
- C. Make use of Azure Log Analytics
- D. Make use of Compliance Manager

Correct Answer: D

To quickly review the adherence of an Azure Machine Learning experiment to GDPR regulations, you can use Compliance Manager. Compliance Manager is a built-in Azure tool that helps organizations assess and track their compliance with various regulatory standards, including GDPR.

By using Compliance Manager, you can assess the compliance of your Azure resources, including Azure Machine Learning, against GDPR requirements. It provides a centralized dashboard that allows you to view the compliance status, identify any potential gaps, and track the progress of remediation actions.

Compliance Manager also provides predefined assessments and control mappings specific to GDPR, which can help streamline the review process and provide insights into the experiment's adherence to GDPR regulations.



QUESTION 4

Your company uses several bots. The bots use Azure Bot Service. Several users report that some of the bots fail to return the expected results. You plan to view the service health of the bot service. You need to request the appropriate role to

access the service health of the bot service. The solution must use the principle of least privilege.

Which role should you request?

- A. the Reader role on the Azure subscription
- B. the Owner role on the bot service
- C. the Contributor role on the Azure subscription
- D. the Reader role on the bot service

Correct Answer: C

QUESTION 5

You have an existing Language Understanding (LUIS) model for an internal bot.

You need to recommend a solution to add a meeting reminder functionality to the bot by using a prebuilt model. The solution must minimize the size of the model.

Which component of LUIS should you recommend?

- A. domain
- B. intents
- C. entities

Correct Answer: C

LUIS includes a set of prebuilt entities for recognizing common types of information, like dates, times, numbers, measurements, and currency. Prebuilt entity support varies by the culture of your LUIS app.

Note: LUIS provides three types of prebuilt models. Each model can be added to your app at any time.

Model type: Includes

1.

Domain: Intents, utterances, entities

2.

Intents: Intents, utterances

3.



Entities: Entities only

References: <https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-concept-prebuilt-model>

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