



AI-102^{Q&As}

Designing and Implementing a Microsoft Azure AI Solution

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**QUESTION 1**

You build a conversational bot named bot1.

You need to configure the bot to use a QnA Maker application.

From the Azure Portal, where can you find the information required by bot1 to connect to the QnA Maker application?

- A. Access control (IAM)
- B. Properties
- C. Keys and Endpoint
- D. Identity

Correct Answer: C

Obtain values to connect your bot to the knowledge base

1. In the QnA Maker site, select your knowledge base.

2. With your knowledge base open, select the SETTINGS tab. Record the value shown for service name. This value is useful for finding your knowledge base of interest when using the QnA Maker portal interface. It's not used to connect your

bot app to this knowledge base.

3. Scroll down to find Deployment details and record the following values from the Postman sample HTTP request:

4. POST /knowledgebases//generateAnswer 5. Host:

6. Authorization: EndpointKey

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/bot-builder-howto-qna>

QUESTION 2**DRAG DROP**

You are building a retail chatbot that will use a QnA Maker service.

You upload an internal support document to train the model. The document contains the following question: "What is your warranty period?"

Users report that the chatbot returns the default QnA Maker answer when they ask the following question: "How long is the warranty coverage?"

The chatbot returns the correct answer when the users ask the following question: "What is your warranty period?"

Both questions should return the same answer.



You need to increase the accuracy of the chatbot responses.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order. (Choose three.)

Select and Place:

Actions**Answer Area**

Add a new question and answer (QnA) pair.

Retrain the model.

Add additional questions to the document.

Republish the model.

Add alternative phrasing to the question and answer (QnA) pair.

Correct Answer:

Actions**Answer Area**

Add a new question and answer (QnA) pair.

Add alternative phrasing to the question and answer (QnA) pair.

Retrain the model.

Add additional questions to the document.

Republish the model.

Step 1: Add alternative phrasing to the question and answer (QnA) pair.

Add alternate questions to an existing QnA pair to improve the likelihood of a match to a user query.

Step 2: Retrain the model.

Periodically select Save and train after making edits to avoid losing changes.

Step 3: Republish the model

Note: A knowledge base consists of question and answer (QnA) pairs. Each pair has one answer and a pair contains all the information associated with that answer.



Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/edit-knowledge-base>

QUESTION 3

What is the primary purpose of a data warehouse?

- A. to provide storage for transactional line-of-business (LOB) applications
- B. to provide transformation services between source and target data stores
- C. to provide read only storage of relational and non relational historical data
- D. to provide answers to complex queries that rely on data from multiple sources

Correct Answer: C

QUESTION 4

You need to measure the public perception of your brand on social media by using natural language processing. Which Azure service should you use?

- A. Content Moderator
- B. Form Recognizer
- C. Computer Vision
- D. Language service

Correct Answer: D

QUESTION 5

You are building a Conversational Language Understanding model.

You need to ensure that the model will support the following sample utterances:

1.
Set all the lights to on.
2.
Turn off the lights in the living room.
- 3.



What is the current thermostat temperature?

4.

Lower the temperature of the thermostat by five degrees.

Which three elements should you add to the model?

Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. a location Intent
- B. a change setting entity
- C. a device intent
- D. a change setting intent
- E. a query setting intent
- F. a device entity

Correct Answer: BCF

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