

Free PDF Quiz 2026 AI-102: High Hit-Rate Designing and Implementing a Microsoft Azure AI Solution Study Material

Exam AI-102: Designing and Implementing a Microsoft Azure AI Solution

Study guide for Exam AI-102: Designing and Implementing a Microsoft Azure AI Solution

Purpose of this document

This study guide should help you understand what to expect on the exam and includes a summary of the topics the exam might cover and links to additional resources. The information and materials in this document should help you focus your studies as you prepare for the exam.

Useful links	Description
Review the skills measured as of February 2, 2023	This list represents the skills measured AFTER the date provided. Study this list if you plan to take the exam AFTER that date.
Review the skills measured prior to February 2, 2023	Study this list of skills if you take your exam PRIOR to the date provided.
Change log	You can go directly to the change log if you want to see the changes that will be made on the date provided.
How to earn the certification	Some certifications only require passing one exam, while others require passing multiple exams.
Certification renewal	Microsoft associate, expert, and specialty certifications expire annually. You can renew by passing a free online assessment on Microsoft Learn.
Your Microsoft Learn profile	Connecting your certification profile to Learn allows you to schedule and renew exams and share and print certificates.
Passing score	A score of 700 or greater is required to pass.
Exam sandbox	You can explore the exam environment by visiting our exam sandbox.



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In the 21 Century, the AI-102 certification became more and more recognized in the society because it represented the certain ability of examinees. However, in order to obtain AI-102 certification, you have to spend a lot of time preparing for the AI-102 Exam. Many people gave up because of all kinds of difficulties before the examination, and finally lost the opportunity to enhance their self-worth. As a thriving multinational company, we are always committed to solving this problem.

Microsoft AI-102 exam covers various topics related to designing and implementing AI solutions, such as data preparation, machine learning models, natural language processing, computer vision, and conversational AI. It also includes topics related to deploying and managing AI solutions on the Azure platform. AI-102 exam consists of both multiple-choice and lab-based questions, and candidates are required to demonstrate their practical skills in designing and implementing AI solutions on Azure. Passing AI-102 Exam requires a deep understanding of Azure AI services and the ability to design and implement AI solutions to solve real-world business problems.

>> AI-102 Study Material <<

New AI-102 Study Material | Efficient AI-102: Designing and Implementing a Microsoft Azure AI Solution 100% Pass

If you're looking to advance your career, passing the Microsoft AI-102 Certification Exam is crucial. As with any certification exam, success requires time and effort. While there are many online study materials available, not all of them are accurate or reliable. Many professionals struggle with managing their time and studying effectively, making it difficult to pass the Designing and Implementing a Microsoft Azure AI Solution (AI-102) Exam.

Microsoft Designing and Implementing a Microsoft Azure AI Solution Sample Questions (Q156-Q161):

NEW QUESTION # 156

You are building a multilingual chatbot.

You need to send a different answer for positive and negative messages.

Which two Text Analytics APIs should you use? Each correct answer presents part of the solution. (Choose two.) NOTE: Each correct selection is worth one point.

- A. Detect Language
- B. Named Entity Recognition
- C. Linked entities from a well-known knowledge base
- D. Sentiment Analysis
- E. Key Phrases

Answer: A,D

Explanation:

Explanation

B: The Text Analytics API's Sentiment Analysis feature provides two ways for detecting positive and negative sentiment. If you send a Sentiment Analysis request, the API will return sentiment labels (such as "negative", "neutral" and "positive") and confidence scores at the sentence and document-level.

D: The Language Detection feature of the Azure Text Analytics REST API evaluates text input for each document and returns language identifiers with a score that indicates the strength of the analysis.

This capability is useful for content stores that collect arbitrary text, where language is unknown. Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-sentiment-analysis?tabs=version-3-1>

<https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-language-detection>

NEW QUESTION # 157

Hotspot Question

You have an Azure AI Speech service resource named Resource1.

You call Resource1 by running the following C# code.

```
static async Task SynthesizeAudioAsync(dynamic input)
{
    var speechConfig = SpeechConfig.FromSubscription("YourSpeechKey", "YourSpeechRegion");
    using var audioConfig = AudioConfig.FromWavFileOutput("path/to/file.wav");
    using var speechSynthesizer = new SpeechSynthesizer(speechConfig, audioConfig);
    await speechSynthesizer.SpeakTextAsync(input);
}
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth point.

Answer Area**Microsoft****Statements**

The function will fail if there is an existing file named File.wav.

Yes**No**

The function will sample File.wav to use as a synthesized voice.

Yes**No**

The function will generate an audio file based on the input text.

Yes**No****Answer:**

Explanation:

Answer Area**Statements**

The function will fail if there is an existing file named File.wav.

Yes**No**

The function will sample File.wav to use as a synthesized voice.

Yes**No**

The function will **generate** an audio file based on the input text.

Yes**No**

Explanation:

Box 1: No

Create an audioConfig using `AudioConfig.FromWavFileOutput`, based on which, create a synthesizer. Then call `speak` method many times with shorter sentences, the generated audio for multi speaks will be saved in a single audio file.

Box 2: No

`File.wav` is the output file.

Box 3: Yes

Reference:

[https://learn.microsoft.com/en-](https://learn.microsoft.com/en-us/dotnet/api/microsoft.cognitiveservices.speech.audio.audioconfig.fromwavfileoutput)[us/dotnet/api/microsoft.cognitiveservices.speech.audio.audioconfig.fromwavfileoutput](https://github.com/Azure-Samples/Cognitive-Speech-TTS/wiki/How-to-synthesize-a-large-file-into-audio-files)<https://github.com/Azure-Samples/Cognitive-Speech-TTS/wiki/How-to-synthesize-a-large-file-into-audio-files>**NEW QUESTION # 158**

You plan to deploy a containerized version of an Azure Cognitive Services service that will be used for text analysis.

You configure `https://contoso.cognitiveservices.azure.com` as the endpoint URI for the service, and you pull the latest version of the Text Analytics Sentiment Analysis container.

You need to run the container on an Azure virtual machine by using Docker.

How should you complete the command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

```
docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \
http://contoso.blob.core.windows.net
https://contoso.cognitiveservices.azure.com
mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

Eula=accept \
Billing= http://contoso.blob.core.windows.net
https://contoso.cognitiveservices.azure.com
mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

ApiKey=xxxxxxxxxxxxxx

```

Answer:

Explanation:

```
docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \
http://contoso.blob.core.windows.net
https://contoso.cognitiveservices.azure.com
mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

Eula=accept \
Billing= http://contoso.blob.core.windows.net
https://contoso.cognitiveservices.azure.com
mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

ApiKey=xxxxxxxxxxxxxxxxxxxx

```

Explanation:

`docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \`

```
http://contoso.blob.core.windows.net
https://contoso.cognitiveservices.azure.com
mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

Eula=accept \
Billing= http://contoso.blob.core.windows.net
https://contoso.cognitiveservices.azure.com
mcr.microsoft.com/azure-cognitive-services/textanalytics/keyphrase
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment

ApiKey=xxxxxxxxxxxxxxxxxxxx

```

Box 1: `mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment` To run the Sentiment Analysis v3 container, execute the following docker run command.

`docker run --rm -it -p 5000:5000 --memory 8g --cpus 1 \
mcr.microsoft.com/azure-cognitive-services/textanalytics/sentiment \`

`Eula=accept \`

`Billing={ENDPOINT_URI} \`

`ApiKey={API_KEY}` is the endpoint for accessing the Text Analytics API. `https://<your-custom-subdomain>.cognitiveservices.azure.com`

Box 2: `https://contoso.cognitiveservices.azure.com`

`{ENDPOINT_URI}` is the endpoint for accessing the Text Analytics API: `https://<your-custom-subdomain>`.

cognitiveservices.a The endpoint for accessing the Text Analytics API. [zure.com Reference: https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-install-containers?tabs=sentiment](https://docs.microsoft.com/en-us/azure/cognitive-services/text-analytics/how-tos/text-analytics-how-to-install-containers?tabs=sentiment)

NEW QUESTION # 159

You are building an app that will automatically translate speech from English to French, German, and Spanish by using Azure AI service.

You need to define the output languages and configure the Azure AI Speech service.

How should you complete the code? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

```
static async Task TranslateSpeechAsync()
{
    var config = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);
    var languages = new List<string>
    {
        ["fr", "de", "es"],
        ["en", "GB"]
        ["en", "fr", "de", "es"]
        ["fr", "de", "es"]
        ["French", "German", "Spanish"]
    };
    languages.ForEach(config.AddTargetLanguage());
    using var recognizer = new TranslationRecognizer();
    ...
}
```



Answer:

Explanation:

Answer Area

```
static async Task TranslateSpeechAsync()
{
    var config = SpeechTranslationConfig.FromSubscription(SPEECH_SUBSCRIPTION_KEY, SPEECH_SERVICE_REGION);
    var languages = new List<string>
    {
        ["fr", "de", "es"],
        ["en", "GB"]
        ["en", "fr", "de", "es"]
        ["fr", "de", "es"]
        ["French", "German", "Spanish"]
    };
    languages.ForEach(config.AddTargetLanguage());
    using var recognizer = new TranslationRecognizer();
    ...
}
```



NEW QUESTION # 160

You have a web app that uses Azure Cognitive Search.

When reviewing billing for the app, you discover much higher than expected charges. You suspect that the query key is compromised.

You need to prevent unauthorized access to the search endpoint and ensure that users only have read only access to the documents collection. The solution must minimize app downtime.

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.

Actions

Add a new query key.

Regenerate the secondary admin key.

Change the app to use the secondary admin key.

Change the app to use the new key.

Regenerate the primary admin key.

Delete the compromised key.

Answer Area

Add a new query key.

Change the app to use the new key.

Delete the compromised key.

Answer:

Explanation:

Actions

Add a new query key.

Regenerate the secondary admin key.

Change the app to use the secondary admin key.

Change the app to use the new key.

Regenerate the primary admin key.

Delete the compromised key.

Answer Area

Add a new query key.

Change the app to use the new key.

Delete the compromised key.

Explanation

Graphical user interface, text Description automatically generated

Add a new query key.

Change the app to use the new key.

Delete the compromised key.

Reference:

<https://docs.microsoft.com/en-us/azure/search/search-security-api-keys>

NEW QUESTION # 161

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The main reason why people look for Microsoft AI-102 practice test is that these help them to prepare for the exam. Even if you study well but with no idea of the Designing and Implementing a Microsoft Azure AI Solution AI-102 exam pattern, it will be tough to crack the nut. You shall waste your time thinking about the pattern and how to attempt the Designing and Implementing a Microsoft Azure AI Solution AI-102 Exam Questions. On the other hand, if you know the Designing and Implementing a Microsoft Azure AI Solution AI-102 exam questions well, you can use that time to solve the queries and improve your chances to score well in the exam.

Trustworthy AI-102 Practice: <https://www.prep4surereview.com/AI-102-latest-braindumps.html>

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