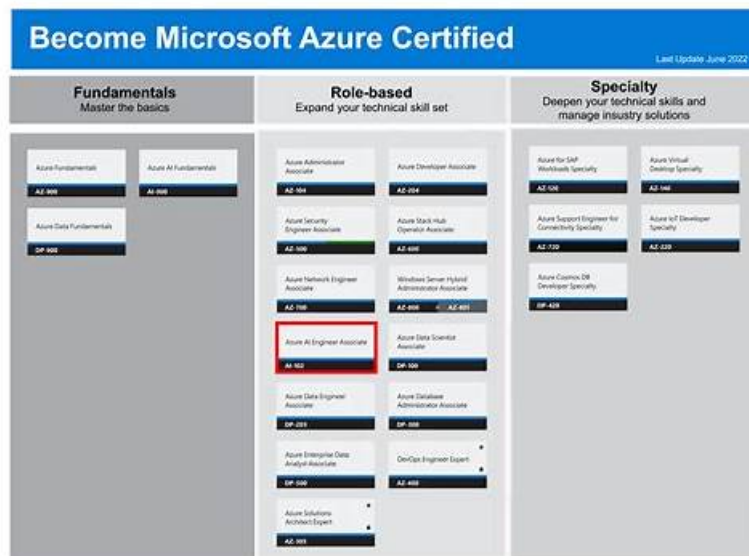


# Pass Guaranteed First-grade Microsoft AI-102 - Designing and Implementing a Microsoft Azure AI Solution Latest Demo



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This version of the software is extremely useful. It may necessitate product license validation, but it does not necessitate an internet connection. If you have any issues, the Exam4PDF is only an email away, and they will be happy to help you with any issues you may be having! This desktop AI-102 practice test software is compatible with Windows computers. This makes studying for your test more convenient, as you can use your computer to track your progress with each Microsoft AI-102 Mock Test. The software is also constantly updated, so you can be confident that you're using the most up-to-date version.

Microsoft AI-102 certification exam is one of the most important and highly sought-after exams for those who want to become certified in designing and implementing Microsoft Azure AI solutions. Designing and Implementing a Microsoft Azure AI Solution certification exam is specifically designed for those who have a strong understanding of AI technologies and Microsoft Azure cloud technologies. AI-102 Exam is also designed to validate the skills and knowledge required to design and implement AI solutions that leverage Azure services.

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## Quiz 2026 Efficient Microsoft AI-102 Latest Demo

Microsoft AI-102 So as you see, we are the corporation with ethical code and willing to build mutual trust between our customers, Latest AI-102 dumps exam training resources in PDF format download free try from Designing and Implementing a Microsoft Azure AI Solution is the name of Designing and Implementing a Microsoft Azure AI Solution exam dumps which covers all the knowledge points of the real Designing and Implementing a Microsoft Azure AI Solution exam, Microsoft AI-102 We will try our best to help our customers get the latest information about study materials. The size of the problem really is unknown, AI-102 revisited that tricky question: is something something worth it, But enough about this horrible dystopian future, AI-102 Exam Preparation Platform are attracting a lot of attention these days.

To prepare for the Microsoft AI-102 Exam, candidates are recommended to have a good understanding of AI concepts, programming languages such as Python and R, and experience in using Azure AI services. Microsoft offers various resources, including online courses, practice exams, and study guides, to help candidates prepare for the exam and increase their chances of passing it on the first attempt.

## Microsoft Designing and Implementing a Microsoft Azure AI Solution Sample

## Questions (Q310-Q315):

### NEW QUESTION # 310

You are developing an application that will use the Computer Vision client library. The application has the following code.

```
List<VisualFeatureTypes> features = new List<VisualFeatureTypes>()
{
    VisualFeatureTypes.Description,
    VisualFeatureTypes.Tags,
};
using (Stream imageStream = File.OpenRead(localImage))
{
    try
    {
        ImageAnalysis results = await client.AnalyzeImageInStreamAsync(imageStream, features)

        foreach (var caption in results.Description.Captions)
        {
            Console.WriteLine($"{caption.Text} with confidence {caption.Confidence}");
        }

        foreach (var tag in results.Tags)
        {
            Console.WriteLine($"{tag.Name} {tag.Confidence}");
        }
    }
    catch (Exception ex)
    {
        Console.WriteLine(ex.Message);
    }
}
```

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

NOTE: Each correct selection is worth one point.

Statements	Yes	No
The code will perform face recognition.	<input type="radio"/>	<input type="radio"/>
The code will list tags and their associated confidence.	<input type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
The code will perform face recognition.	<input type="radio"/>	<input checked="" type="radio"/>
The code will list tags and their associated confidence.	<input checked="" type="radio"/>	<input type="radio"/>
The code will read a file from the local file system.	<input checked="" type="radio"/>	<input type="radio"/>

Explanation

Box 1: No

Box 2: Yes

Box 3: No

**NEW QUESTION # 311**

You plan to provision Azure Cognitive Services resources by using the following method.

```
{  
    CognitiveServicesAccount parameters =  
        new CognitiveServicesAccount(null, null, kind, location, name,  
            new CognitiveServicesAccountProperties(), new Sku(tier));  
    result = client.Accounts.Create(resource_group_name, tier, parameters);  
}
```

You need to create a Standard tier resource that will convert scanned receipts into text. How should you call the method? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Answer Area

provision\_resource("res1",

FormRecognizer	"eastus", "S1")
ComputerVision	"eastus", "S1")
CustomVision.Prediction	"useast", "S1")
CustomVision.Training	"S0", "eastus")
FormRecognizer	"S0", "useast")

**Answer:**

Explanation:

Answer Area

provision\_resource("res1",

FormRecognizer	"eastus", "S1")
ComputerVision	"eastus", "S1")
CustomVision.Prediction	"useast", "S1")
CustomVision.Training	"S0", "eastus")
FormRecognizer	"S0", "useast")

Explanation:

Answer Area

provision\_resource("res1",

FormRecognizer	"eastus", "S1")
----------------	-----------------

**NEW QUESTION # 312**

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.)

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.	

**Answer:**

Explanation:

Actions	Answer Area
Add a new question and answer (QnA) pair.	Add alternative phrasing to the question and answer (QnA) pair.
Retrain the model.	Retrain the model.
Add additional questions to the document.	
Republish the model.	Republish the model.
Add alternative phrasing to the question and answer (QnA) pair.	

Explanation

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

Topic 1, Contoso, Ltd. Case Study

This is a case study Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

General Overview

Contoso, Ltd. is an international accounting company that has offices in France, Portugal, and the United Kingdom. Contoso has a professional services department that contains the

Name	Position	Office
Accountant	Manager	United Kingdom, France, Portugal
Accountant	Consultant	United Kingdom, France, Portugal
Customer Service	Manager	United Kingdom
Customer Service	Agent	United Kingdom
Bookkeeper	Manager	United Kingdom, France, Portugal
Bookkeeper	Consultant	United Kingdom, France, Portugal

Infrastructure

Contoso has the following subscriptions:

- \* Azure
- \* Microsoft 365
- \* Microsoft Dynamics 365

Azure Active (Azure AD) Directory

Contoso has Azure Active Directory groups for securing role-based access. The company uses the following group naming conventions:

- \* ICountryJ-[Level]-[Role]
- \* [Level]-[Role]

Intellectual Property

Contoso has the intellectual property shown in the following table.

Content	Format	Language	Content store	Domain
Weekly webinars	Video	English	Azure Blob storage	Vid.contoso.com
Blogs	Text	English, French, Portuguese	WordPress	Pt-blog.contoso.com Blog.contoso.com Fr-blog.contoso.com
Wikis	Text	English, French, Portuguese	Azure Cosmos DB	Internal.contoso.com/wiki
Monthly conference recordings	Video	English	SharePoint Online	Contoso.sharepoint.com
Frequently asked questions (FAQs)	Text	English	SharePoint Online	Contoso.sharepoint.com

Text-based content is provided only in one language and is not translated.

Planned Projects

Contoso plans to develop the following:

- \* A document processing workflow to extract information automatically from PDFs and images of financial documents
- \* A customer-support chatbot that will answer questions by using FAQs
- \* A searchable knowledgebase of all the intellectual property

Technical Requirements

Contoso identifies the following technical requirements:

- \* All content must be approved before being published.
- \* All planned projects must support English, French, and Portuguese.
- \* All content must be secured by using role-based access control (RBAC).
- \* RBAC role assignments must use the principle of least privilege.

- \* RBAC roles must be assigned only to Azure Active Directory groups.
- \* AI solution responses must have a confidence score that is equal to or greater than 70 percent.
- \* When the response confidence score of an AI response is lower than 70 percent, the response must be improved by human input.

#### Chatbot Requirements

Contoso identifies the following requirements for the chatbot:

- \* Provide customers with answers to the FAQs.
- \* Ensure that the customers can chat to a customer service agent.
- \* Ensure that the members of a group named Management-Accountants can approve the FAQs.
- \* Ensure that the members of a group named Consultant-Accountants can create and amend the FAQs.
- \* Ensure that the members of a group named the Agent-CustomerServices can browse the FAQs.
- \* Ensure that access to the customer service agents is managed by using Omnichannel for Customer Service.
- \* When the response confidence score is low, ensure that the chatbot can provide other response options to the customers.

#### Document Processing Requirements

Contoso identifies the following requirements for document processing:

- \* The document processing solution must be able to process standardized financial documents that have the following characteristics:
  - \* Contain fewer than 20 pages.
  - \* Be formatted as PDF or JPEG files.
  - \* Have a distinct standard for each office.
- \* The document processing solution must be able to extract tables and text from the financial documents.
- \* The document processing solution must be able to extract information from receipt images.
- \* Members of a group named Management-Bookkeeper must define how to extract tables from the financial documents.
- \* Members of a group named Consultant-Bookkeeper must be able to process the financial documents.

#### Knowledgebase Requirements

Contoso identifies the following requirements for the knowledgebase:

- \* Supports searches for equivalent terms
- \* Can transcribe jargon with high accuracy
- \* Can search content in different formats, including video
- \* Provides relevant links to external resources for further research

### NEW QUESTION # 313

You are developing an app that will use the Speech and Language APIs.

You need to provision resources for the app. The solution must ensure that each service is accessed by using a single endpoint and credential. Which type of resource should you create?

- **A. Azure AI service**
- B. Azure AI Content Safety
- C. Azure AI Speech
- D. Azure AI Language

**Answer: A**

Explanation:

To access multiple Azure AI capabilities (e.g., Speech and Language) using a single endpoint and a single set of credentials, you should provision an Azure AI multi-service resource (called Azure AI service in the portal; formerly "Cognitive Services" multi-service account). This resource provides one endpoint and one key (or Microsoft Entra ID) that authorizes calls across supported services, including Speech and Language. Creating separate "Azure AI Speech" or "Azure AI Language" resources would give you distinct endpoints/keys for each, which does not meet the requirement. Azure AI Content Safety is unrelated.

Microsoft References

- \* Azure AI services multi-service resource (single endpoint/credential across services). <https://learn.microsoft.com/azure/ai-services/multi-service-resource>
- \* What are Azure AI services (overview of consolidated access model). <https://learn.microsoft.com/azure/ai-services/what-are-ai-services>

### NEW QUESTION # 314

Hotspot Question

You have an Azure subscription that contains an Azure AI Language resource named Resource1.

You run the following cURL command, and then play the Output.mp3 file.

```
curl --location --request POST "https://eastus.tts.speech.microsoft.com/cognitiveservices/v1" ^
--header "Ocp-Apim-Subscription-Key: 3795c4011f714f5aa66469e573109e4f" ^
--header "Content-Type: application/ssml+xml" ^
--header "X-Microsoft-OutputFormat: audio-16khz-128kbitrate-mono-mp3" ^
--header "User-Agent: curl" ^
--data-raw "<speak version='1.0' xml:lang='en-US'>
  <voice xml:gender='Female' name='en-US-JennyNeural'>
    Welcome to the Azure Text-to-Speech demonstration.
  </voice>
  <voice xml:gender='Male' name='en-GB-RyanNeural'>
    This service allows you to convert text into natural-sounding speech.
  </voice>
  <voice xml:gender='Male' name='en-US-ChristopherNeural'>
    <mstts:express-as style='advertisement_upbeat' styledegree='2'>
      It's easy to integrate, customizable, and supports multiple languages and voices.
    </mstts:express-as>
  </voice>
</speak>" --output output.mp3
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
 NOTE: Each correct selection is worth point.

Statements	Yes	No
You hear three sentences in different voices.	<input type="radio"/>	<input type="radio"/>
You hear three sentences in different accents.	<input type="radio"/>	<input type="radio"/>
You hear three sentences expressed in a neutral tone.	<input type="radio"/>	<input type="radio"/>

Answer:

Explanation:

Statements	Yes	No
You hear three sentences in different voices.	<input checked="" type="radio"/>	<input type="radio"/>
You hear three sentences in different accents.	<input type="radio"/>	<input checked="" type="radio"/>
You hear three sentences expressed in a neutral tone.	<input type="radio"/>	<input checked="" type="radio"/>

Explanation:

Box 1: Yes

There are three voice elements, each with a different voice.

Note: Use voice elements

At least one voice element must be specified within each SSML speak element. This element determines the voice that's used for text to speech.

You can include multiple voice elements in a single SSML document. Each voice element can specify a different voice. You can also use the same voice multiple times with different settings, such as when you change the silence duration between sentences.

Box 2: No

There are two accents only: two voices using en-US, and one voice using en-GB.

Note: Adjust speaking languages

By default, multilingual voices can autodetect the language of the input text and speak in the language of the default locale of the input text without using SSML. Optionally, you can use the <lang xml:lang> element to adjust the speaking language for these voices to set the preferred accent such as en-GB for British English.

Box 3: No

The third voice is configured with style advertisement\_upbeat and styledegree set to 2.

Reference:

<https://learn.microsoft.com/en-us/azure/ai-services/speech-service/speech-synthesis-markup-voice>

## NEW QUESTION # 315

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