

100% Pass Quiz 2026 High-quality AI-102: Designing and Implementing a Microsoft Azure AI Solution Reliable Dumps Pdf

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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P.S. Free 2026 Microsoft AI-102 dumps are available on Google Drive shared by BraindumpsIT: <https://drive.google.com/open?id=14Ke2r1dutfGiAXoBlN9r0JgXNT56ov0i>

A BraindumpsIT support team is on hand to help AI-102 exam applicants use the Microsoft AI-102 practice tests and address any problems. The goal is to help candidates crack the AI-102 exam in one go. Free Microsoft AI-102 demo and up to 1 year of free Microsoft AI-102 Questions are also available at BraindumpsIT. So, start preparation with real Designing and Implementing a Microsoft Azure AI Solution (AI-102) questions right away if you wish to pass the test while saving time and money.

Microsoft AI-102 certification exam requires the candidate to have a strong background in programming languages such as Python and R. AI-102 exam also requires the candidate to have experience in developing and deploying AI models using Azure services. AI-102 Exam is conducted online and consists of multiple-choice questions and case studies. The candidate must pass the exam to receive the certification.

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Microsoft Designing and Implementing a Microsoft Azure AI Solution Sample Questions (Q322-Q327):

NEW QUESTION # 322

You have an Azure subscription

You need to create a new resource that will generate fictional stories in response to user prompts. The solution must ensure that the resource uses a customer-managed key to protect data.

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

NOTE: Each correct selection is worth one point.

Answer:

Explanation:

Explanation:

To create a resource that can generate fictional stories from prompts, you need an Azure OpenAI account (-- kind OpenAI).

To protect data with a customer-managed key (CMK), you must pass the key information (Key Vault URI, key name, key version) via the --encryption parameter when creating the Cognitive Services account. The JSON shown (with keyName, keyVersion, and keyVaultUri) is exactly the payload expected by --encryption.

A complete example pattern:

```
az cognitiveservices account create \  
-n myresource -g myResourceGroup -l westeurope \  
--kind OpenAI --sku S \  
--assign-identity \  
--encryption '{  
"keyName":"keyname",  
"keyVersion":"secretVersion",  
"keyVaultUri":"https://<your-kv>.vault.azure.net/"  
}'
```

(Adding --assign-identity allows the service to access the Key Vault key; the hotspot specifically asks for the parameter that takes the JSON block and the resource kind, which are --encryption and OpenAI.) Microsoft References

* Azure CLI: Create Cognitive Services account with customer-managed keys using --encryption.

<https://learn.microsoft.com/azure/ai-services/cognitive-services-encryption-keys#configure-customer-managed-keys>

* Azure Cognitive Services (Azure AI services) CLI parameters including --kind OpenAI.<https://learn.microsoft.com/azure/ai-services/cognitive-services-management-api-cli#create-a-cognitive-services-account>

<https://learn.microsoft.com/azure/ai-services/cognitive-services-management-api-cli#create-a-cognitive-services-account>

NEW QUESTION # 323

Which object should you use to specify that the speech input to be transcribed to text is in an audio file?

- A. AudioConfig
- B. SpeechRecognizer
- C. SpeechConfig

Answer: A

Explanation:

Use an AudioConfig to specify the input source for speech.

NEW QUESTION # 324

You are building an app that will use Azure AI to monitor workspaces for safety regulation compliance.

You need to recommend a service that meets the following requirements:

- Generates alerts when employees enter high-risk areas
- Monitors video feeds in real time
- Minimizes development effort

What should you recommend?

- **A. Azure AI Vision Spatial Analysis**
- B. Azure AI Video Indexer
- C. Object detection in Azure AI Custom Vision
- D. Azure AI Vision Image Analysis

Answer: A

Explanation:

The Spatial Analysis container enables you to analyze real-time streaming video to understand spatial relationships between people, their movement, and interactions with objects in physical environments.

You can use Azure AI Vision Spatial Analysis to detect the presence and movements of people in video. Ingest video streams from cameras, extract insights, and generate events to be used by other systems. The service can do things like count the number of people entering a space or measure compliance with face mask and social distancing guidelines. By processing video streams from physical spaces, you can learn how people use them and maximize the space's value to your organization.

Reference:

<https://docs.azure.cn/en-us/ai-services/computer-vision/intro-to-spatial-analysis-public-preview>

NEW QUESTION # 325

Hotspot Question

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:

Explanation:

NEW QUESTION # 326

Drag and Drop Question

You are building a phone call handling solution that will use the Azure AI Speech service and a custom neural voice.

You need to create a custom speech model.

Which five actions should you perform in sequence from Speech Studio? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Answer:

Explanation:

Explanation:

Reference:

<https://learn.microsoft.com/en-us/azure/ai-services/speech-service/how-to-custom-speech-create-project>

<https://learn.microsoft.com/en-us/azure/ai-services/speech-service/professional-voice-create-consent>

NEW QUESTION # 327

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