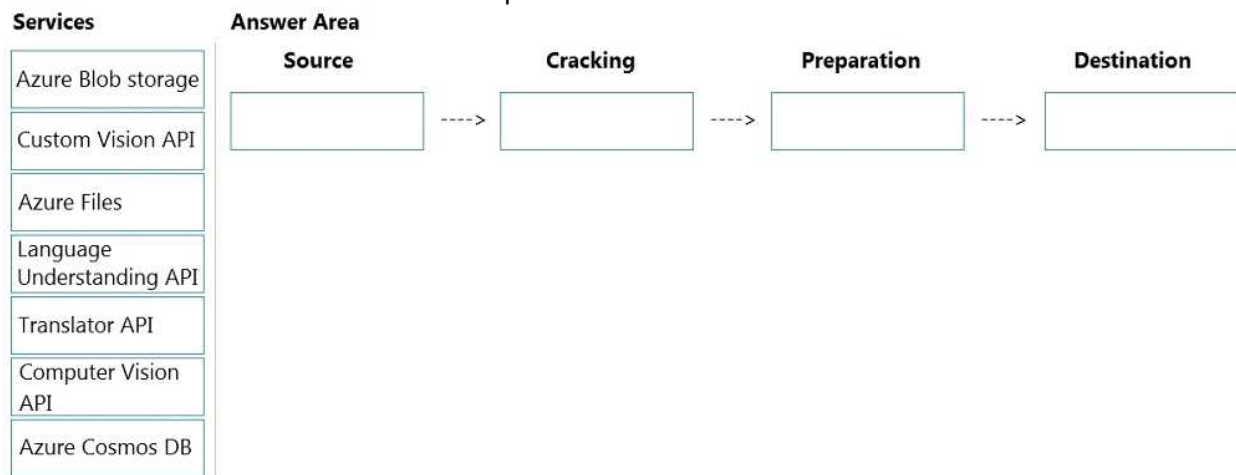# Latest Version: 5.0

Question: 1

DRAG DROP

You are developing the smart e-commerce project.

You need to design the skillset to include the contents of PDFs in searches.

How should you complete the skillset design diagram? To answer, drag the appropriate services to the correct stages. Each service may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

Services

- Azure Blob storage
- Custom Vision API
- Azure Files
- Language Understanding API
- Translator API
- Computer Vision API
- Azure Cosmos DB

Answer Area

Source ----> Cracking ----> Preparation ----> Destination

Answer:

Source	Cracking	Preparation	Destination
Azure Blob storage ---->	Computer Vision API ---->	Translator API ---->	Azure Files

Explanation:

Box 1: Azure Blob storage

At the start of the pipeline, you have unstructured text or non-text content (such as images, scanned documents, or JPEG files). Data must exist in an Azure data storage service that can be accessed by an indexer.

Box 2: Computer Vision API

Scenario: Provide users with the ability to search insight gained from the images, manuals, and videos associated with the products.

The Computer Vision Read API is Azure's latest OCR technology (learn what's new) that extracts printed text (in several languages), handwritten text (English only), digits, and currency symbols from images and multi-page PDF documents.

Box 3: Translator API

Scenario: Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.

Box 4: Azure Files

Scenario: Store all raw insight data that was generated, so the data can be processed later.

Incorrect Answers:

The custom vision API from Microsoft Azure learns to recognize specific content in imagery and becomes smarter with training and time.

Reference:

https://docs.microsoft.com/en-us/azure/search/cognitive-search-concept-intro

https://docs.microsoft.com/en-us/azure/cognitive-services/computer-vision/overview-ocr

Question: 2

DRAG DROP

You are planning the product creation project.

You need to recommend a process for analyzing videos.

Which four 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 four.)

Actions

| Index the video by using the Video Indexer API. |
| Upload the video to blob storage. |
| Analyze the video by using the Computer Vision API. |
| Extract the transcript from Microsoft Stream. |
| Send the transcript to the Language Understanding API as an utterance. |
| Extract the transcript from the Video Indexer API. |
| Translate the transcript by using the Translator API. |
| Upload the video to file storage. |

Answer Area

Actions

Index the video by using the Video Indexer API.
Upload the video to blob storage.
Analyze the video by using the Computer Vision API.
Extract the transcript from Microsoft Stream.
Send the transcript to the Language Understanding API as an utterance.
Extract the transcript from the Video Indexer API.
Translate the transcript by using the Translator API.
Upload the video to file storage.

Answer Area

Upload the video to blob storage.
Index the video by using the Video Indexer API.
Extract the transcript from the Video Indexer API.
Translate the transcript by using the Translator API.

Explanation:
Scenario: All videos must have transcripts that are associated to the video and included in product descriptions.
Product descriptions, transcripts, and all text must be available in English, Spanish, and Portuguese.
Step 1: Upload the video to blob storage
Given a video or audio file, the file is first dropped into a Blob Storage. T
Step 2: Index the video by using the Video Indexer API.
When a video is indexed, Video Indexer produces the JSON content that contains details of the specified video insights. The insights include: transcripts, OCRs, faces, topics, blocks, etc.
Step 3: Extract the transcript from the Video Indexer API.
Step 4: Translate the transcript by using the Translator API.
Reference:
https://azure.microsoft.com/en-us/blog/get-video-insights-in-even-more-languages/
https://docs.microsoft.com/en-us/azure/media-services/video-indexer/video-indexer-output-json-v2

Question: 3

HOTSPOT
You are planning the product creation project.
You need to build the REST endpoint to create the multilingual product descriptions.
How should you complete the URI? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

api.cognitive.microsofttranslator.com ▼	/detect ▼	?api-version=3.0&to=es&to=pt
api.cognitive.microsofttranslator.com	/detect	
api-nam.cognitive.microsofttranslator.com	/languages	
westus.tts.speech.microsoft.com	/text-to-speech	
wwics.cognitiveservices.azure.com/translator	/translate	

Answer:

Answer Area

api.cognitive.microsofttranslator.com ▼	/detect ▼	?api-version=3.0&to=es&to=pt
api.cognitive.microsofttranslator.com	/detect	
api-nam.cognitive.microsofttranslator.com	/languages	
westus.tts.speech.microsoft.com	/text-to-speech	
wwics.cognitiveservices.azure.com/translator	**/translate**	

Explanation:
Box 1: api.cognitive.microsofttranslator.com
Translator 3.0: Translate. Send a POST request to:
https://api.cognitive.microsofttranslator.com/translate?api-version=3.0
Box 2: /translate
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/translator/reference/v3-0-translate

Question: 4

You are developing the smart e-commerce project.
You need to implement autocompletion as part of the Cognitive Search solution.
Which three actions should you perform? Each correct answer presents part of the solution. (Choose three.)
NOTE: Each correct selection is worth one point.

A. Make API queries to the autocomplete endpoint and include suggesterName in the body.
B. Add a suggester that has the three product name fields as source fields.
C. Make API queries to the search endpoint and include the product name fields in the searchFields query parameter.
D. Add a suggester for each of the three product name fields.

E. Set the searchAnalyzer property for the three product name variants.
F. Set the analyzer property for the three product name variants.

<div style="text-align: right;">

Answer: ABF

</div>

Explanation:
Scenario: Support autocompletion and autosuggestion based on all product name variants.
A: Call a suggester-enabled query, in the form of a Suggestion request or Autocomplete request, using an
API. API usage is illustrated in the following call to the Autocomplete REST API.
POST /indexes/myxboxgames/docs/autocomplete?search&api-version=2020-06-30
{
"search": "minecraf",
"suggesterName": "sg"
}
B: In Azure Cognitive Search, typeahead or "search-as-you-type" is enabled through a suggester. A
suggester provides a list of fields that undergo additional tokenization, generating prefix sequences to
support matches on partial terms. For example, a suggester that includes a City field with a value for
"Seattle" will have prefix combinations of "sea", "seat", "seatt", and "seattl" to support typeahead.
F. Use the default standard Lucene analyzer ("analyzer": null) or a language analyzer (for example,
"analyzer": "en.Microsoft") on the field.
Reference:
https://docs.microsoft.com/en-us/azure/search/index-add-suggesters

Question: 5

HOTSPOT
You are developing the shopping on-the-go project.
You are configuring access to the QnA Maker resources.
Which role should you assign to AllUsers and LeadershipTeam? To answer, select the appropriate
options in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

AllUsers:

| Cognitive Service User |
| Contributor |
| Owner |
| QnA Maker Editor |
| QnA Maker Read |

LeadershipTeam:

| Cognitive Service User |
| Contributor |
| Owner |
| QnA Maker Editor |
| QnA Maker Read |

Answer:

Answer Area

AllUsers:

Cognitive Service User
Contributor
Owner
QnA Maker Editor
QnA Maker Read

LeadershipTeam:

Cognitive Service User
Contributor
Owner
QnA Maker Editor
QnA Maker Read

Explanation:
Box 1: QnA Maker Editor
Scenario: Provide all employees with the ability to edit Q&As.
The QnA Maker Editor (read/write) has the following permissions:
Create KB API
Update KB API
Replace KB API
Replace Alterations
"Train API" [in
new service model v5]
Box 2: Contributor
Scenario: Only senior managers must be able to publish updates.
Contributor permission: All except ability to add new members to roles
Reference:
https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/reference-role-based-accesscontrol