Question #20 *Topic 3*

DRAG DROP -

You are building a Language Understanding model for purchasing tickets.

You have the following utterance for an intent named PurchaseAndSendTickets.

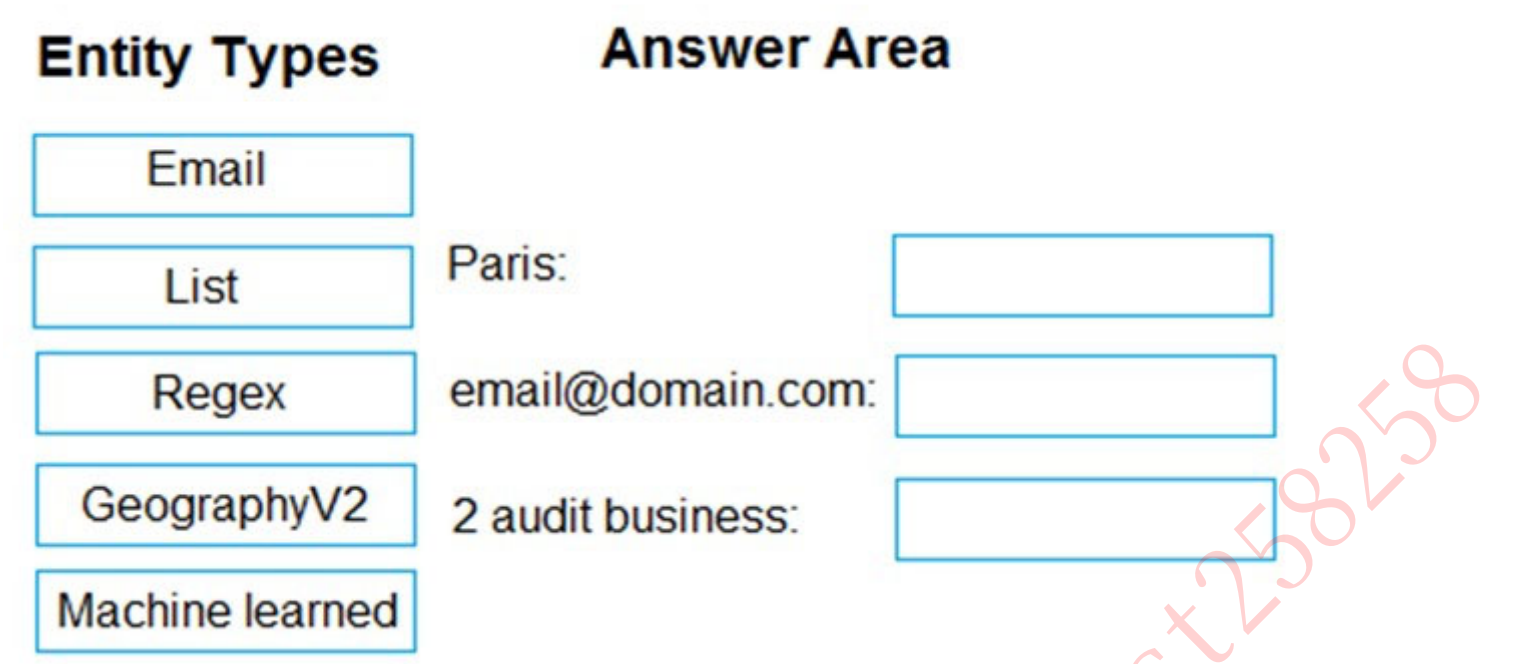
Purchase [2 audit business] tickets to [Paris] [next Monday] and send tickets to [email@domain.com]

You need to select the entity types. The solution must use built-in entity types to minimize training data whenever possible.

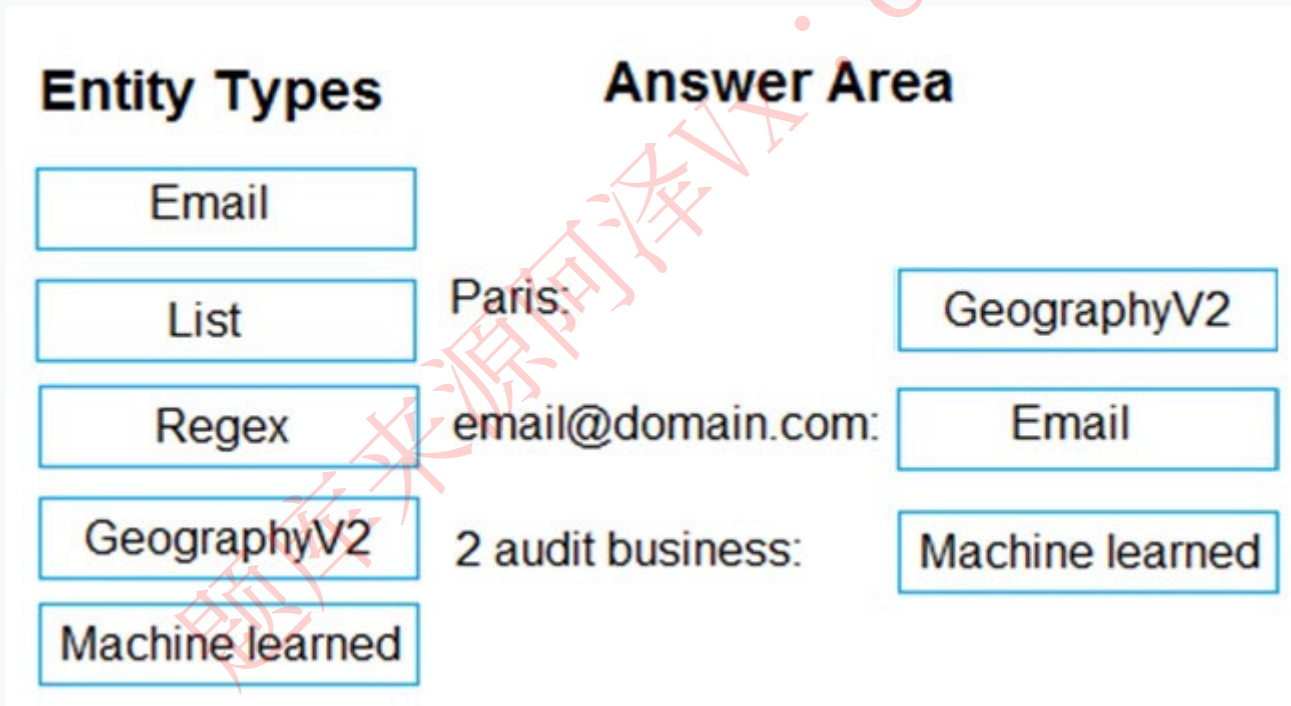
Which entity type should you use for each label? To answer, drag the appropriate entity types to the correct labels. Each entity type may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Select and Place:



Correct Answer:



Box 1: GeographyV2 -

The prebuilt geographyV2 entity detects places. Because this entity is already trained, you do not need to add example utterances containing GeographyV2 to the application intents.

Box 2: Email -

Email prebuilt entity for a LUIS app: Email extraction includes the entire email address from an utterance. Because this entity is already trained, you do not need to add example utterances containing email to the application intents.

Box 3: Machine learned -

The machine-learning entity is the preferred entity for building LUIS applications.

Reference:

https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-geographyv2 https://docs.microsoft.com/en-us/azure/cognitive-services/luis/luis-reference-prebuilt-email https://docs.microsoft.com/en-us/azure/cognitive-services/luis/reference-entity-machine-learned-entity

Question #21 *Topic 3*

You have the following C# method.

```
static void create_resource(string resource_name, string kind, string account_tier, string location)
{
    CognitiveServicesAccount parameters =
        new CognitiveServicesAccount(null, null, kind, location, resource_name, new CognitiveServicesAccountProperties(), new Sku(account_tier));
    var result = cog_svc_client.Accounts.Create(resource_group_name, account_tier, parameters);
}
```

You need to deploy an Azure resource to the East US Azure region. The resource will be used to perform sentiment analysis.

How should you call the method?

A. create_resource("res1", "ContentModerator", "S0", "eastus")

B. create_resource("res1", "TextAnalytics", "S0", "eastus") **Most Voted**

C. create_resource("res1", "ContentModerator", "Standard", "East US")

D. create_resource("res1", "TextAnalytics", "Standard", "East US")

Correct Answer: *B*

Community vote distribution

B (100%)

Question #22 *Topic 3*

You build a Conversational Language Understanding model by using the Language Services portal.

You export the model as a JSON file as shown in the following sample.

```
{
  "text": "average amount of rain by month at chicago last year",
  "intent": "Weather.CheckWeatherValue",
  "entities": [
    {
      "entity": "Weather.WeatherRange",
      "startPos": 0,
      "endPos": 6,
      "children": []
    },
    {
      "entity": "Weather.WeatherCondition",
      "startPos": 18,
      "endPos": 21,
      "children": []
    },
    {
      "entity": "Weather.Historic",
      "startPos": 23,
      "endPos": 30,
      "children": []
    }
  ]
}
```

To what does the Weather.Historic entity correspond in the utterance?

A. by month **Most Voted**

B. chicago

C. rain

D. location

Correct Answer: *A*

Community vote distribution

A (100%)

Question #23 *Topic 3*

You are examining the Text Analytics output of an application.

The text analyzed is: `Our tour guide took us up the Space Needle during our trip to Seattle last week.`

The response contains the data shown in the following table.

Text	Category	ConfidenceScore
Tour guide	PersonType	0.45
Space Needle	Location	0.38
Trip	Event	0.78
Seattle	Location	0.78
Last week	DateTime	0.80

Which Text Analytics API is used to analyze the text?

A. Entity Linking

B. Named Entity Recognition **Most Voted**

C. Sentiment Analysis

D. Key Phrase Extraction

Correct Answer: *B*

Community vote distribution

B (100%)

Question #24 *Topic 3*

SIMULATION -

You need to configure and publish bot12345678 to support task management. The intent must be named TaskReminder. The LUDown for the intent is in the C:

\Resources\LU folder.

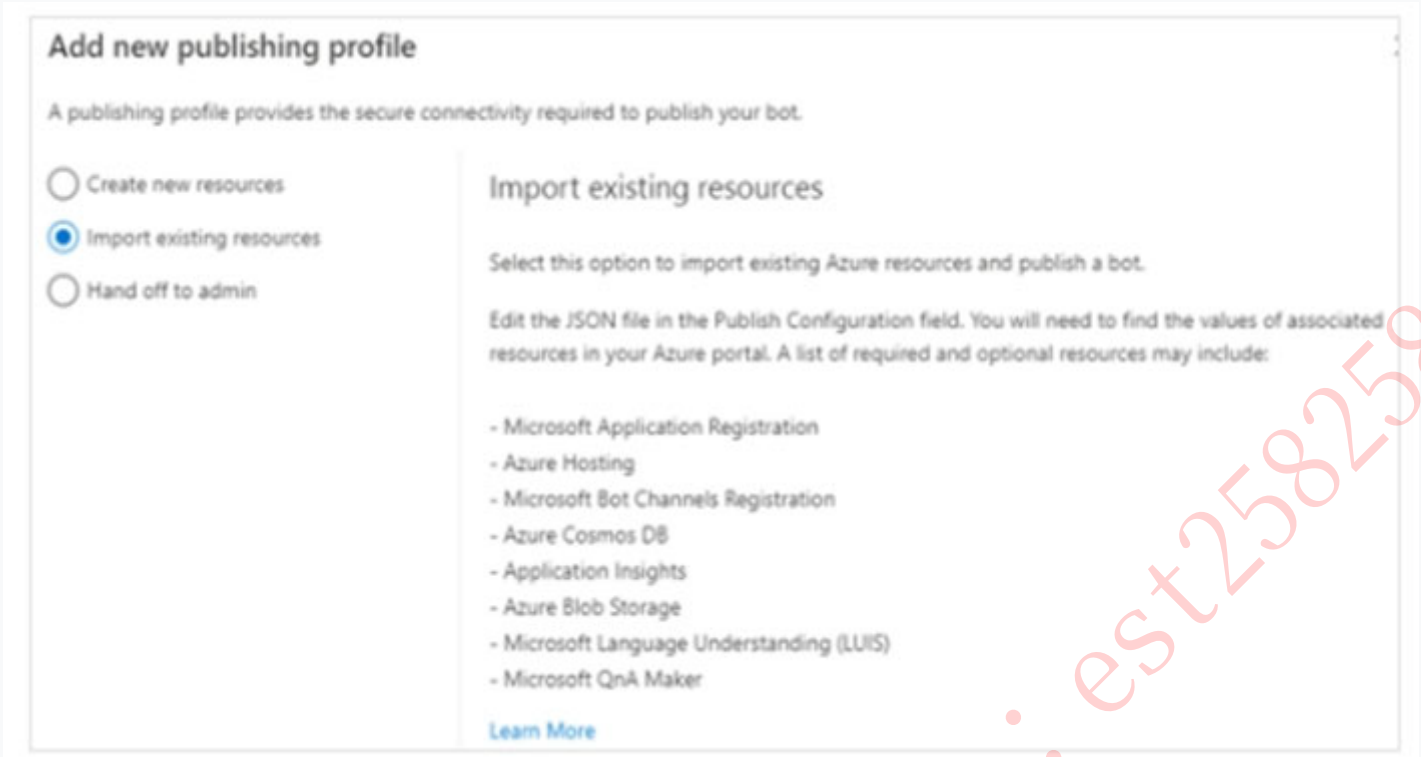
To complete this task, use the Microsoft Bot Framework Composer.

Correct Answer: *See explanation below.*

Step 1: Open Microsoft Bot Framework Composer

Step 2: Select the bot bot12345678

Step 3: Select Import existing resources. Read the instructions on the right side of the screen and select Next.

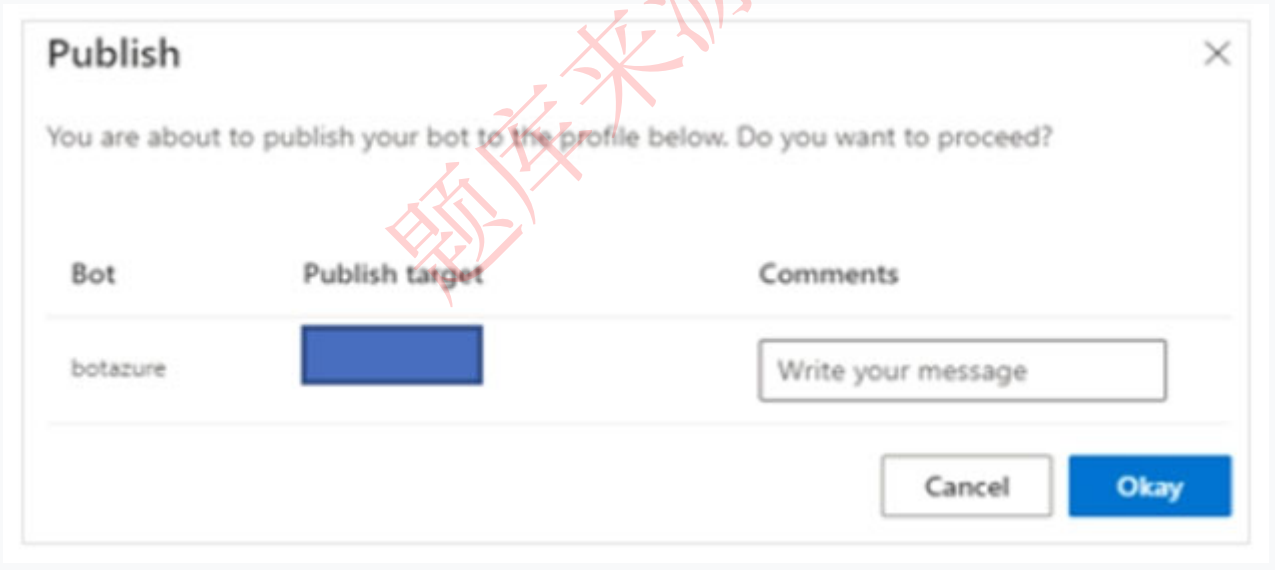


Step 4: Browse to the C:\Resources\LU folder and select the available .lu file

Step 5: In the pop-up window Importing existing resources, modify the JSON file content based on your resources information: Name the intent TaskReminder

Step 6: Select Publish from the Composer menu. In the Publish your bots pane, select the bot to publish (bot12345678), then select a publish profile from the

Publish target drop-down list.



Reference:

https://docs.microsoft.com/en-us/composer/how-to-publish-bot

Question #25 *Topic 3*

SIMULATION -

You need to configure bot12345678 support the French (FR-FR) language.

Export the bot to C:\Resources\Bot\Bot1.zip.

To complete this task, use the Microsoft Bot Framework Composer.

Correct Answer: *See explanation below.*

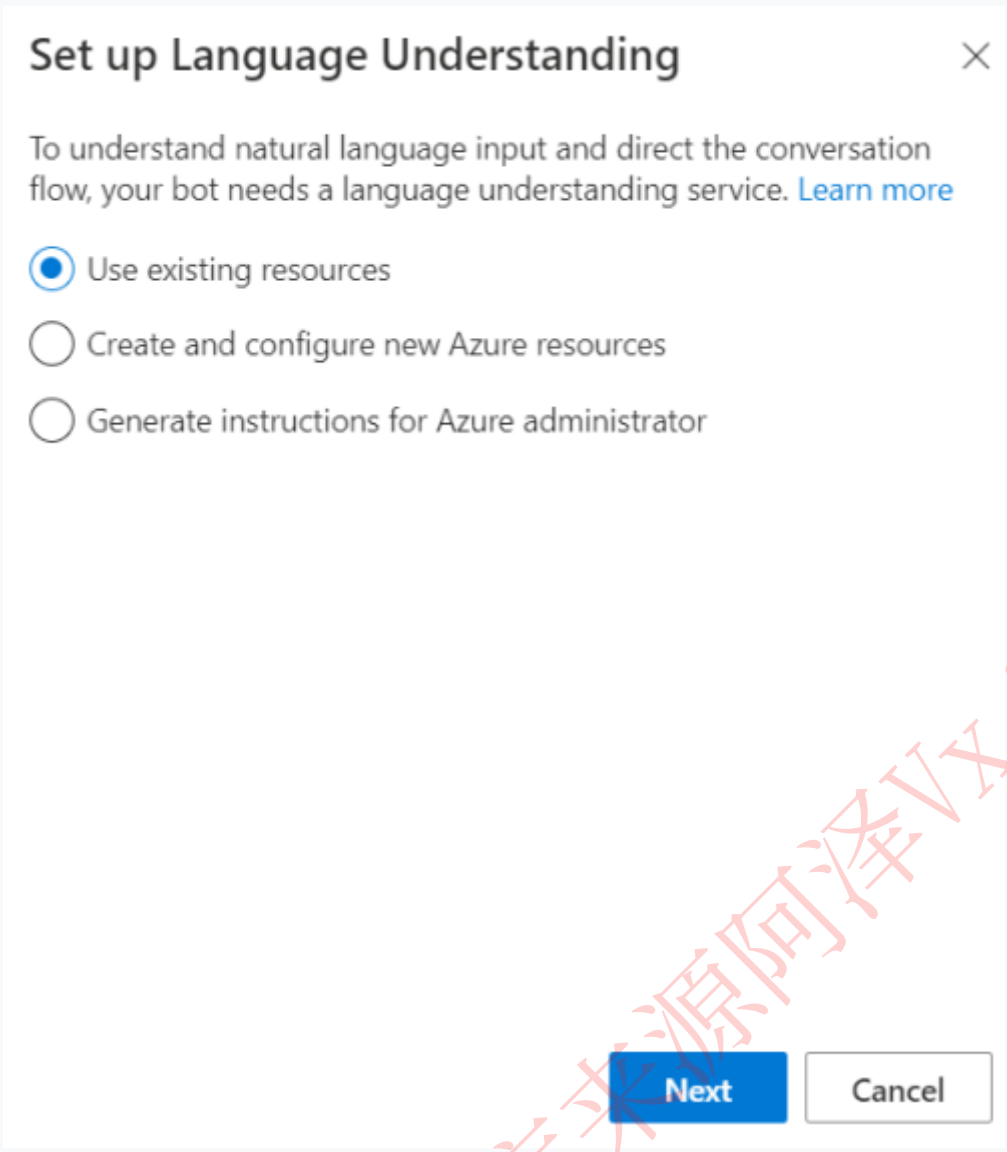
Step 1: Open Microsoft Bot Framework Composer

Step 2: Select the bot bot12345678

Step 3: Select Configure.

Step 4: Select the Azure Language Understanding tab

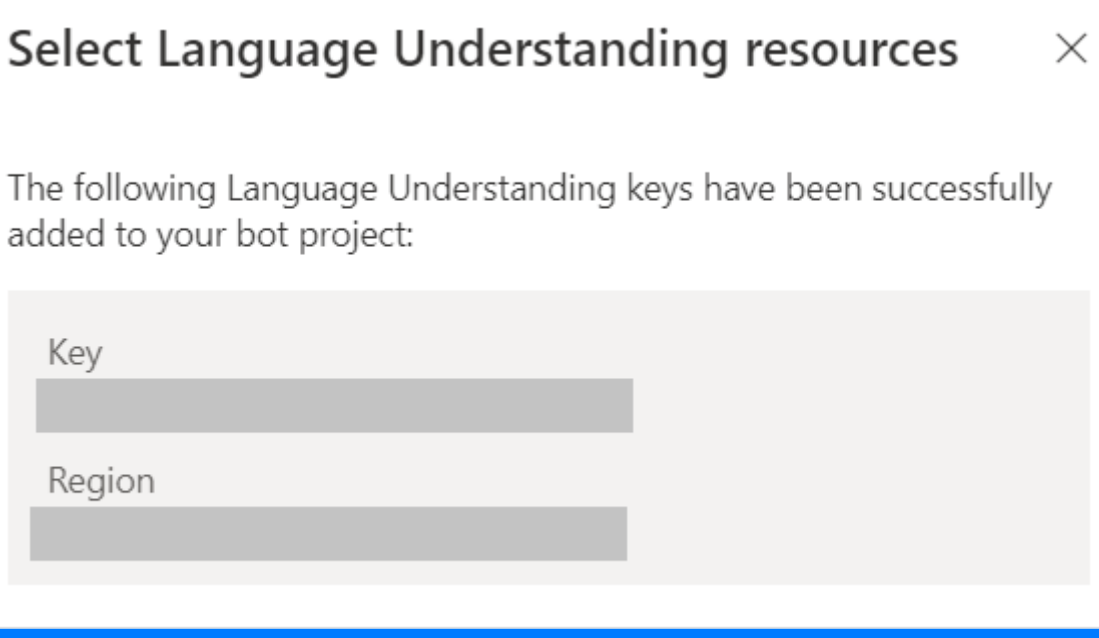
Step 5: Select the Set up Language Understanding button. The Set up Language Understanding window will appear, shown below:



Step 6: Select Use existing resources and then select Next at the bottom of the window.

Step 7: Now select the Azure directory, Azure subscription, and Language Understanding resource name (French).

Step 8: Select Next on the bottom. Your Key and Region will appear on the next on the next window, shown below:



Question #26 *Topic 3*

SIMULATION -

You need to configure and publish bot12345678 to answer questions by using the frequently asked questions (FAQ) located at https://docs.microsoft.com/en-us/ azure/bot-service/bot-service-resources-bot-framework-faq. The solution must use bot%@lab.LabInstance.Id-qna-qna%.

To complete this task, use the Microsoft Bot Framework Composer.

Correct Answer: *See explanation below.*

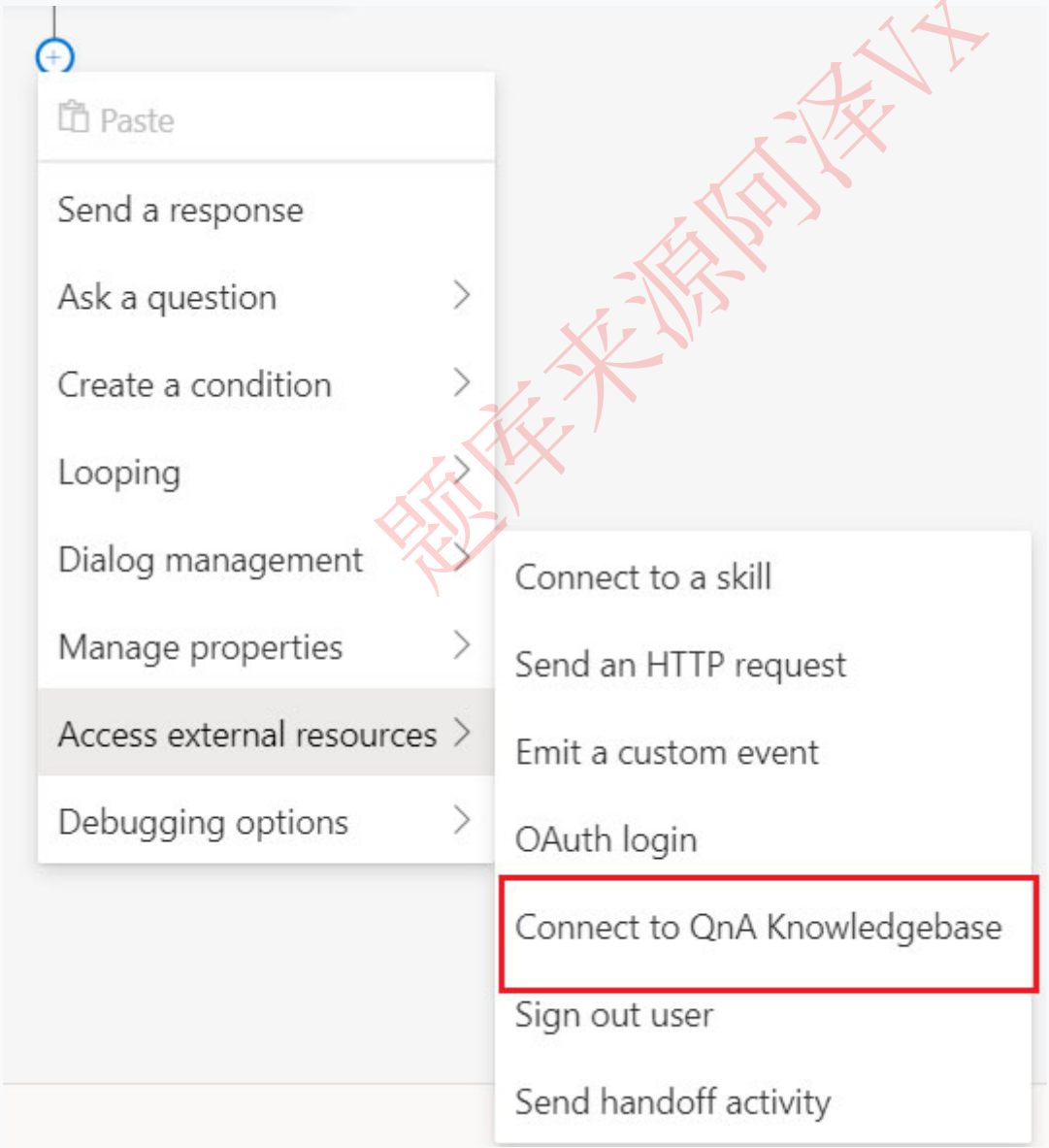
Step 1: Open Microsoft Bot Framework Composer

Step 2: Select the bot bot12345678

Step 3: Open the Configure page in Composer. Then select the Development resources, and scroll down to Azure QnA Maker.

Step 4: To access the Connect to QnA Knowledgebase action, you need to select + under the node you want to add the QnA knowledge base and then select

Connect to QnAKnowledgeBase from the Access external resources action menu.



Step 5: Review the QnA Maker settings panel after selecting the QnA Maker dialog.

Use:

Instance: bot%@lab.LabInstance.Id-qna-qna%

Reference:

https://docs.microsoft.com/en-us/composer/how-to-create-qna-kb https://docs.microsoft.com/en-us/composer/how-to-add-qna-to-bot

Question #27 *Topic 3*

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. Language service **Most Voted**

B. Content Moderator

C. Computer Vision

D. Form Recognizer

Correct Answer: *A*

Community vote distribution

A (100%)

Question #28 *Topic 3*

HOTSPOT -

You are developing an application that includes language translation.

The application will translate text retrieved by using a function named get_text_to_be_translated. The text can be in one of many languages.

The content of the text must remain within the Americas Azure geography.

You need to develop code to translate the text to a single language.

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

```
. . .
api_key = "FF956C68B83B21B38691ABD200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
    }
body = {
    'Text': text
    }
  conn = httplib.HTTPSConnection [                                  ▼ ]
                                 ("api.cogninve.microsofttranslator.com")
                                 ("api-apc.cognitive.microsofttranslator.com")
                                 ("api-nam.cognitive.microsofttranslator.com")

conn.request("POST", [                                              ▼ ] str(body), headers)
                     "/translate?frorn=en"
                     "/translate?suggestedFrom=en"
                     "/translate?to=en"
                     "/detect?to=en"
                     "/detect?from=en"

response = conn.getresponse()
response_data = response.read()
. . .
```

Correct Answer:

Answer Area

```
. . .
api_key = "FF956C68B83B21B38691ABD200A4C606"
text = get_text_to_be_translated()
headers = {
    'Content-Type': 'application/json',
    'Ocp-Apim-Subscription-Key': api_key
    }
body = {
    'Text': text
    }
  conn = httplib.HTTPSConnection [ ("api.cogninve.microsofttranslator.com") | ("api-apc.cognitive.microsofttranslator.com") | ("api-nam.cognitive.microsofttranslator.com") ]

conn.request("POST", [ "/translate?frorn=en" | "/translate?suggestedFrom=en" ] str(body), headers)
```

Question #29 *Topic 3*

You have the following data sources:

- Finance: On-premises Microsoft SQL Server database
- Sales: Azure Cosmos DB using the Core (SQL) API
- Logs: Azure Table storage
- HR: Azure SQL database

You need to ensure that you can search all the data by using the Azure Cognitive Search REST API.

What should you do?

A. Migrate the data in HR to Azure Blob storage.

B. Migrate the data in HR to the on-premises SQL server.

C. Export the data in Finance to Azure Data Lake Storage. **Most Voted**

D. Ingest the data in Logs into Azure Sentinel.

Correct Answer: *C*

Community vote distribution

C (100%)