

DRAG DROP -

You have a chatbot that uses a QnA Maker application.

You enable active learning for the knowledge base used by the QnA Maker application.

You need to integrate user input into the model.

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.

Select and Place:

Actions

Answer Area

Add a task to the Azure resource.

Approve and reject suggestions.

Publish the knowledge base.

Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.

For the knowledge base, select Show active learning suggestions.

Save and train the knowledge base.

Select the properties of the Azure Cognitive Services resource.



Actions

Answer Area

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For the knowledge base, select Show active learning suggestions.

Approve and reject suggestions.

Save and train the knowledge base.

Modify the automation task logic app to run an Azure Resource Manager template that creates the Azure Cognitive Services resource.

Publish the knowledge base.

Select the properties of the Azure Cognitive Services resource.

Correct Answer:

Step 1: For the knowledge base, select Show active learning suggestions.

In order to see the suggested questions, on the Edit knowledge base page, select View Options, then select Show active learning

suggestions.

Step 2: Approve and reject suggestions.

Each QnA pair suggests the new question alternatives with a check mark, , to accept the question or an x to reject the suggestions. Select the check mark to

λ"

add the question.

Step 3: Save and train the knowledge base.

Select Save and Train to save the changes to the knowledge base.

Step 4: Publish the knowledge base.

Select Publish to allow the changes to be available from the GenerateAnswer API.

When 5 or more similar queries are clustered, every 30 minutes, QnA Maker suggests the alternate questions for you to accept or reject.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/improve-knowledge-base>

Question #16

Topic 5

You need to enable speech capabilities for a chatbot.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Enable WebSockets for the chatbot app. **Most Voted**
- B. Create a Speech service. **Most Voted**
- C. Register a Direct Line Speech channel. **Most Voted**
- D. Register a Cortana channel.
- E. Enable CORS for the chatbot app.
- F. Create a Language Understanding service.

Correct Answer: ABC

Community vote distribution

ABC (88%)

12%

You use the Microsoft Bot Framework Composer to build a chatbot that enables users to purchase items. You need to ensure that the users can cancel in-progress transactions. The solution must minimize development effort. What should you add to the bot?

- A. a language generator
- B. a custom event
- C. a dialog trigger Most Voted
- D. a conversation activity

Correct Answer: C

Community vote distribution

C (95%)

5%

题库来源阿泽Vx: est258258

SIMULATION -

You need to create and publish a bot that will use Language Understanding and QnA Maker. The bot must be named bot12345678. You must publish the bot by using the User1-12345678@abc.com account.

NOTE: Complete this task first. It may take several minutes to complete the required deployment steps. While this is taking place, you can complete tasks 2-6 in this lab during the deployment.

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

Correct Answer: See explanation below.

Step 1: Sign in to the QnAMaker.ai portal with your Azure credentials. Use the User1-12345678@abc.com account

Step 2: Publish the knowledge base. In the QnA Maker portal, select Publish. Then to confirm, select Publish on the page.

The QnA Maker service is now successfully published. You can use the endpoint in your application or bot code.

Success! Your service has been deployed. What's next?

You can always find the deployment details in your service's settings.

Create Bot

[View](#) all your bots on the Azure Portal.

Use the below HTTP request to call your Knowledgebase. [Learn more.](#)

Postman Curl

```
POST /knowledgebases/ <knowledge-base-ID> /generateAnswer
Host: https://so-15indexes.azurewebsites.net/qnamaker
Authorization: EndpointKey <Authorization-key>
Content-Type: application/json
{"question": "<Your question>"}
```

Need to fine-tune and refine? Go back and keep editing your service.

Edit Service

Step 3: In the QnA Maker portal, on the Publish page, select Create bot.

This button appears only after you've published the knowledge base.

After publishing the knowledge base, you can create a bot from the Publish page.

Success! Your service has been deployed. What's next?

You can always find the deployment details in your service's settings.

Create Bot

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Content-Type: application/json
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```

Need to fine-tune and refine? Go back and keep editing your service.

Edit Service

Step 4: A new browser tab opens for the Azure portal, with the Azure Bot Service's creation page. Configure the Azure bot service.

Bot name: bot12345678 -
The bot will be created.
Reference:
<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/quickstarts/create-publish-knowledge-base>

题库来源阿泽Vx: est258258

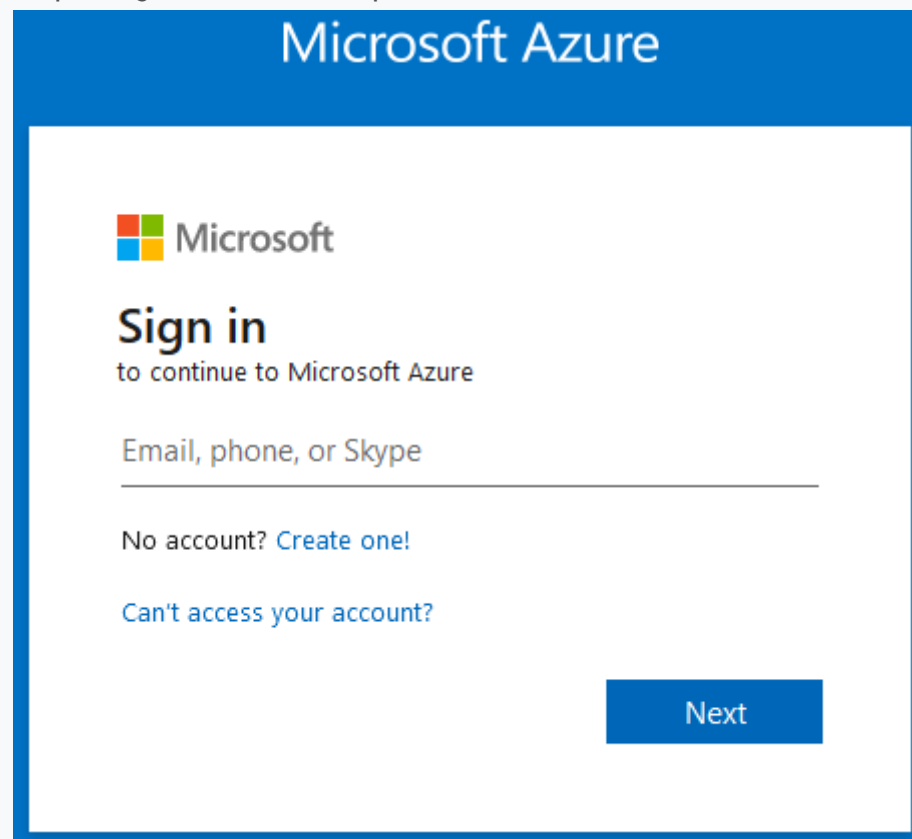
SIMULATION -

You need to create a QnA Maker service named QNA12345678 in the East US Azure region. QNA12345678 must contain a knowledge base that uses the questions and answers available at <https://support.microsoft.com/en-us/help/12435/windows-10-upgrade-faq>.

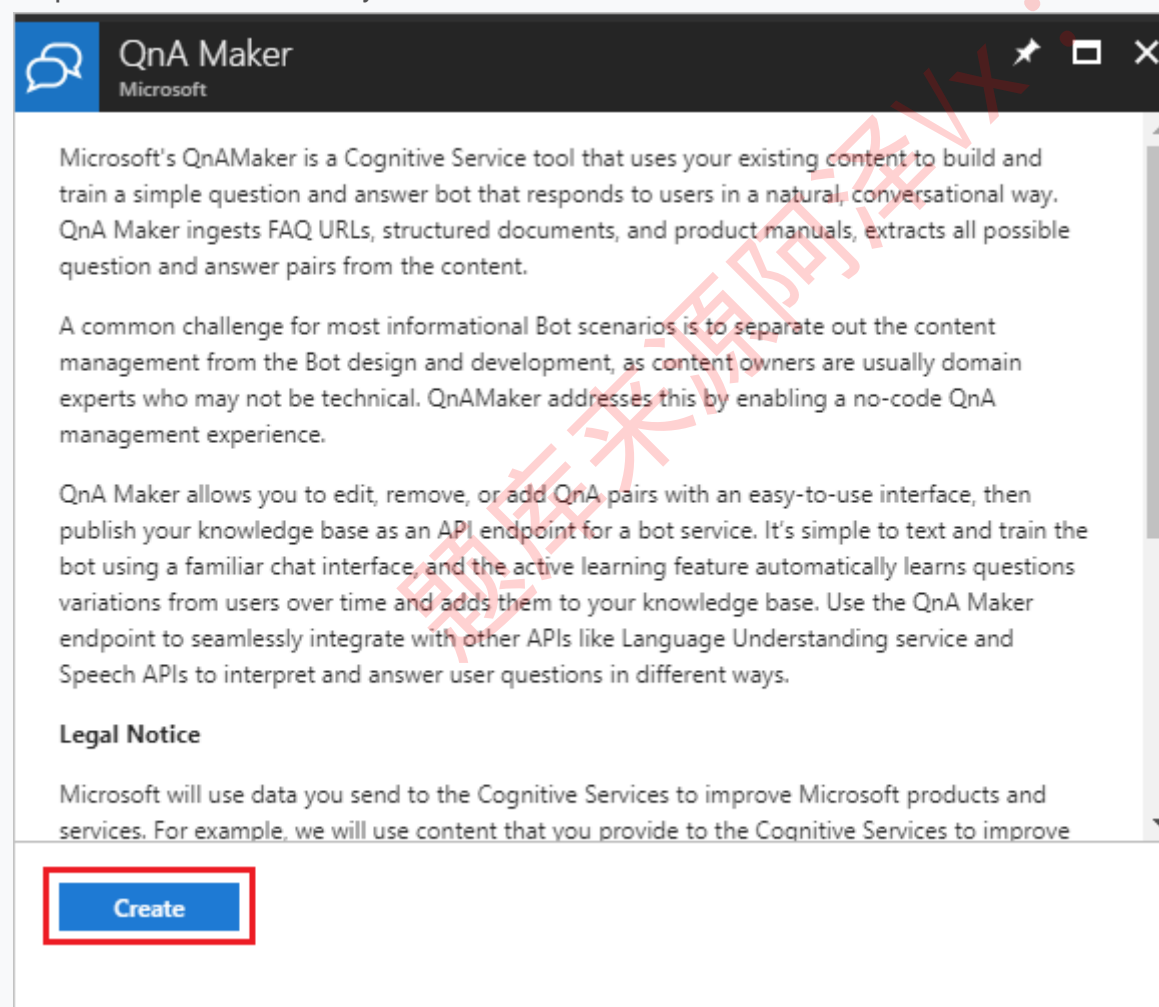
To complete this task, sign in to the Azure portal and the QnA Maker portal.

Correct Answer: See explanation below.

Step 1: Sign in to the Azure portal create and a QnA Maker resource.



Step 2: Select Create after you read the terms and conditions:



Step 3: In QnA Maker, select the appropriate tiers and regions.

Name: QNA12345678 -

In the Name field, enter a unique name to identify this QnA Maker service. This name also identifies the QnA Maker endpoint that your knowledge bases will be associated with.

Resource Group Location: East US Azure

Create

QnA Maker

*

Name

myqnamakerservice

✓

*

Subscription

team

▼

*

Pricing tier (View full pricing details)

F0 (3 managed documents per month, 3 tr...

▼

*

Resource group

(New) myqnamakerservice

▼

Create new

*

Resource group location

(US) Central US

▼

*

Search pricing tier (View full pricing details)

B (15 Indexes)

▼

*

Search location

West US

▼

*

App name

myqnamakerservice

✓

.azurewebsites.net

The App service plan currently defaults to standard(S1) tier. It can be modified by visiting the app service plan resource page once the resource has been created.

*

Website location

West US

▼

App insights

Enable

Disable

Step 4: After all the fields are validated, select Create. The process can take a few minutes to complete.

After deployment is completed, you'll see the following resources created in your subscription:

Home > Resource groups > myqnamakerservice

myqnamakerservice

Resource group

Search (Ctrl+J)

+ Add

Edit columns

Delete resource group

Refresh

Move

Assign Tags

Subscription (change)

My account

Subscription ID

<subscription id>

Deployments

2 Succeeded

Tags (change)

Click here to add tags

Filter by name

All types

All locations

No grouping

6 items

Show hidden types

NAME	TYPE	LOCATION	
Default1	App Service plan	East US	...
Failure Anomalies - myqnamakerservice-ai	microsoft.insights/alertrules	East US	...
myqnamakerservice	Search service	West US	...
myqnamakerservice	Cognitive Services	West US	...
myqnamakerservice	App Service	East US	...
qnamakerpp-ai	Application Insights	East US	...

Overview

Activity log

Access control (IAM)

Tags

SETTINGS

Quickstart

Resource costs

Deployments

Policies

Properties

Locks

Remember your Azure Active Directory ID, Subscription, QnA resource name you selected when you created the resource.

Step 5: When you are done creating the resource in the Azure portal, return to the QnA Maker portal, refresh the browser page.

Step 6: In the QnA Maker portal, select Create a knowledge base.

Step 7: Skip Step 1 as you already have your QnA Maker resource.

Step 8: In Step 2, select your Active directory, subscription, service (resource), and the language for all knowledge bases created in the service.

Azure QnA service: QNA12345678 -

STEP 2

Connect your QnA service to your KB.

After you create an Azure QnA service, refresh this page and then select your Azure service using the options below

[Refresh](#)

* Microsoft Azure Directory ID

Microsoft

* Azure subscription name

documentationteam

* Azure QnA service

qna-maker-10

* Language

English

Step 9: In Step 3, name your knowledge base

Question #20

Topic 5

SIMULATION -

You need to add a question pair to the published knowledge base used by a QnA Maker service named QNA12345678. The question must be: `What will be the next version of Windows?`

The answer must be: `Windows 11`.

To complete this task, sign in to the QnA Maker portal.

Correct Answer: Answer: Windows 11

Step 1: Sign in to the QnA portal, then select the knowledge base to add the QnA pair to.

Step 2: On the EDIT page of the knowledge base, select Add QnA pair to add a new QnA pair.

Knowledge base

Search the knowledge base X 81 QnA pairs + Add QnA pair View options

1 2 3 4 5 ... 9 Next >

Question	Answer
Source: Editorial	
How do I get the Surface Pro repaired? X	Repairing the Surface Pro requires...
+ Add alternative phrasing	+ Add follow-up prompt

Step 3: In the new QnA pair row, add the required question and answer fields. The other fields are optional. All fields can be changed at any time.

Question: What will be the next version of Windows?

Step 4: Select Save and train to see predictions including the new QnA pair.

Reference:

<https://docs.microsoft.com/en-us/azure/cognitive-services/qnamaker/how-to/edit-knowledge-base>

SIMULATION -

Use the following login credentials as needed:

To enter your username, place your cursor in the Sign in box and click on the username below.

To enter your password, place your cursor in the Enter password box and click on the password below.

Azure Username: admin@abc.com -

Azure Password: XXXXXXXXXXXX -

The following information is for technical support purposes only:

Lab Instance: 12345678 -

Task -

You have a bot that was developed by using the Microsoft Bot Framework SDK. The bot is available at an endpoint of <https://bot.contoso.com/api/messages>.

You need to create an Azure Bot named bot12345678 that connects to the bet.

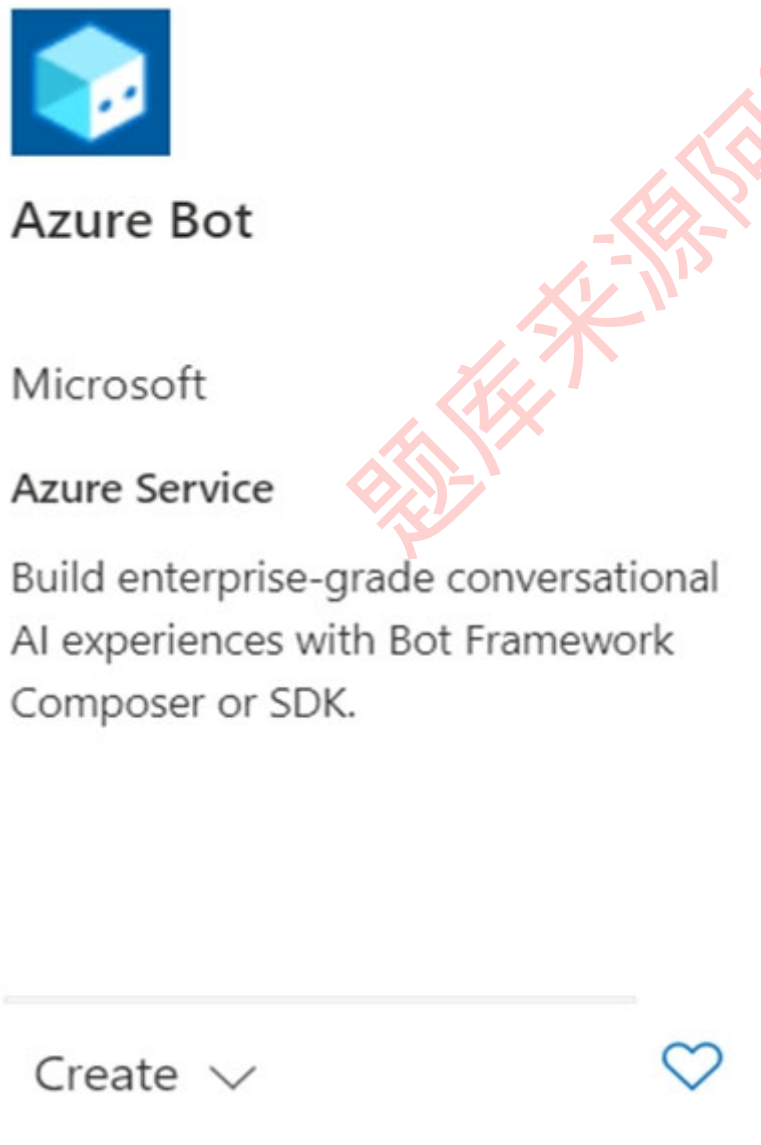
To complete this task, sign in to the Azure portal.

Correct Answer: See explanation below.

Create the resource -

Create the Azure Bot resource, which will allow you to register your bot with the Azure Bot Service.

1. Go to the Azure portal.
2. In the right pane, select Create a resource.
3. In the search box enter bot, then press Enter.
4. Select the Azure Bot card.



The screenshot shows the Azure portal search results for 'Azure Bot'. It includes the Azure Bot icon, the text 'Azure Bot', 'Microsoft', 'Azure Service', and a description: 'Build enterprise-grade conversational AI experiences with Bot Framework Composer or SDK.' At the bottom, there is a 'Create' button with a dropdown arrow and a heart icon.

5. Select Create.
6. Enter values in the required fields. Choose which type of app to create and whether to use existing or create new identity information.

Pricing

Select a pricing tier for your Azure Bot resource. You can change your selection later in the Azure portal's resource management. Learn more about available options, or request a pricing quote, by visiting the [Azure Bot Services pricing](#)

Pricing tier *

Standard

[Change plan](#)

Microsoft App ID

A Microsoft App ID is required to create an Azure Bot resource. If your bot app doesn't need to access resources outside of its home tenant and if your bot app will be hosted on an Azure resource that supports Managed Identities, then choose option User-Assigned Managed Identity so that Azure takes care of managing the App credentials for you. Otherwise, depending on whether your bot will be accessing resources only in its home tenant or not, choose either Single tenant or Multi tenant option respectively.

Type of App

User-Assigned Managed Identity



Note: For User-Assigned Managed Identity and Single Tenant app, Azure Portal's "Open in Composer" link is not yet supported for bots with these app types. BotFramework SDK (C# or Javascript) version 4.15.0 or higher is needed for these app types.

A User-assigned managed identity can be automatically created below or you can manually create your own, then return to input your new App ID, tenant ID and MSI resource ID in the open fields.

[Manually create a User Managed Identity](#)

Creation type



Create new Microsoft App ID



Use existing app registration

7. Select Review + create.

8. If the validation passes, select Create.

9. Once the deployment completes, select Go to resource. You should see the bot and related resources listed in the resource group you selected.

10. Enter the endpoint of the Bot Framework SDK: <https://bot.contoso.com/api/messages>

Reference:

<https://docs.microsoft.com/en-us/azure/bot-service/abs-quickstart?view=azure-bot-service-4.0&tabs=userassigned>