AWS Certified Alexa Skill Builder-Specialty

Amazon AWS AXS-C01

Version Demo

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QUESTION NO: 1

An Alexa Skill Builder implemented the built-in intent AMAZON.HelpIntent. In some cases, users are asking for help using phrases that are specific to a skill's terminology. Amazon Alexa does not understand these phrases are help requests, and they are not being routed to AMAZON.HelpIntent.

According to best practices, how can this situation be corrected?

- A. Create custom intents using the help utterances that are specific to the skill, and remove AMAZON.HelpIntent.
- **B.** Use AMAZON.FallbackIntent to capture spoken phrases that do not match AMAZON.HelpIntent, then determine if the user needs help.
- C. Define custom slots for AMAZON.HelpIntent to capture the additional details in the users' help requests
- D. Extend the standard built-in AMAZON. HelpIntent using additional samples in the skill's interaction model

ANSWER: D

QUESTION NO: 2

An Alexa Skill Builder is developing a skill that tells users facts about their neighborhoods using their postal codes. When running the skill, users receive error messages from their Amazon Alexa devices. When the Builder checks the logs, error messages are being sent when the device location API is used to get users' postal codes. What are the potential causes of this issue? (Choose two.)

- A. The Alexa devices are registered in the incorrect postal code.
- **B.** The AWS Lambda function is not registered to the skill.
- C. The users have opted out of giving their location information.
- **D.** The application ID of the skill does not match the expected application ID of the AWS Lambda function.
- **E.** The skill is not registered to access information in the developer console.

ANSWER: C D

QUESTION NO: 3

An Alexa Skill Builder is using Amazon S3 to stream large quantities of static audio and video content throughout the world with an Amazon Alexa skill.

Which additional AWS service will help the Builder decrease latency and improve the reliability of the streaming media content for the global audience?

- A. AWS Cloud9
- B. Amazon Kinesis
- C. Amazon Route 53
- D. Amazon CloudFront

ANSWER: D

Explanation:

Reference: https://developer.amazon.com/blogs/alexa/post/87f73844-d971-4ac3-b274-bf0d93031bcd/build-more-engaging-skills-using-aws

QUESTION NO: 4

An Alexa Skill Builder is using the AudioPlayer.Play directive and would like to automatically start the next audio track at the end of the current track.

Which AudioPlayer playBehavior values will allow the Builder to achieve this without changing the audio currently playing? (Choose two.)

- A. REPLACE_ALL
- **B.** CLEAR_ENQUEUED
- C. REPLACE ENQUEUED
- D. ENQUEUE
- E. CLEAR_ALL

ANSWER: C D

Explanation:

Reference: https://developer.amazon.com/en-US/docs/alexa/alexa-voice-service/audioplayer.html

QUESTION NO: 5

An Alexa Skill Builder wants to add a short audio clip to a skill with SSML. The Builder records a 6-second audio clip using a high-end microphone and recording application and exports the file with a bitrate of 48 kbps. The file is then uploaded to a public Amazon S3 bucket.

The Builder then updates the SSML to return:

```
<speak>
     <audio src= "https://my.skill.files.s3.amazonaws.com/my-welcome.wav" />
     What can I help you with?
</speak>
```

When testing the skill, Amazon Alexa responds with "There was a problem with the requested skill's response" every time.

How should the Builder resolve this error?

- A. Record a shorter audio clip.
- **B.** Re-export the audio file with a smaller bitrate.
- C. Re-export the audio file to .mp3 instead of .wav
- D. Update the interaction model to enable the AudioPlayer interface

ANSWER: B

QUESTION NO: 6

An Alexa Skill Builder built a skill using AWS Lambda. The Lambda function works when running the code on a local machine with a runtime of 4.5 seconds, but during skill testing, the Builder receives an error response.

Which collection of steps will address the issue? (Choose two.)

- A. Change the Amazon Alexa default timeout to 5 seconds.
- **B.** Change the default timeout of the Lambda function to 5 seconds.
- C. Call the Progressive Response API and send a directive to reduce latency.
- **D.** Increase the size of the memory allocated to the Lambda function.
- **E.** Clone the Lambda function to another AWS Region.

ANSWER: BE

QUESTION NO: 7

An Alexa Skill Builder is designing a skill with an intent that needs six slots to be filled. It is unlikely that a user will provide all the slot values in a single utterance, so the slot fulfillment should be split up into a multi-turn conversation.

What can the Builder do in the developer console to have Amazon Alexa elicit any missing slots, without specifying each of the slots in the backend code?

- **A.** Keep track of what slots are filled in session attributes, and in the backend code, prompt the user for the missing slots using Dialog. ElicitSlot.
- **B.** Mark those six slots are required, fill in the necessary prompts, and in the backend code, use the Dialog.Delegate directive until all slots are filled.
- **C.** Mark those six slots are required, fill in the necessary prompts, and in the backend code, use the Dialog.ConfirmSlot directive until all slots are filled
- **D.** Mark those six slots are required, fill in the necessary prompts, and in the backend code, use the Dialog. ElicitSlot directive until all slots are filled.

ANSWER: B

Explanation:

Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/create-the-interaction-model-for-your-skill.html

QUESTION NO: 8

Which of the following are ways that a user can interact with an Amazon Alexa skill using both voice and non-voice methods? (Choose three.)

- **A.** Scrolling through a list
- **B.** Selecting an action
- C. Zooming in on an image
- **D.** Pausing a video
- E. Muting the device
- F. Pairing with Bluetooth

ANSWER: D E F

QUESTION NO: 9

An Alexa Skill Builder is developing a skill that must send an initial welcome email to each new user.

What combination of features would the Builder use to satisfy this requirement? (Choose two.)

- A. Alexa Settings API
- **B.** Entity resolution
- C. Customer Profile API
- D. Device Address API

E. Data persistence

ANSWER: A C

QUESTION NO: 10

An Alexa Skill Builder submitted a child-directed skill for certification that lists the nearest skateboard parks. The Builder ensured that

- The skill does not link to an external account
- The skill stored the child's preference by userId
- The skill has a valid privacy policy link in the skill Distribution page

Given this information, why will the skill fail certification?

- A. The Builder did not upload a privacy policy document
- B. Child-directed skills cannot use location information
- C. The child's userId cannot be used because of Personally Identifiable Information (PII) restrictions.
- D. The skill should not be child-directed as it can be used by children over 13 years old.

ANSWER: C