EXAMTOPICS

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CERTIFICATION TEST

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Question #1 *Topic 1*

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

Suggested Answer: *D, E, F*

[Removed] Most Recent 2 years ago

Selected Answer: A

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 A is valid anser see details

upvoted 1 times

Hemanthmk 5 years ago

Scrolling can be handled in both

upvoted 1 times

beedle 5 years, 1 month ago

its correct https://www.cnet.com/how-to/every-alexa-command-you-can-give-your-amazon-echo-smart-speaker/

upvoted 1 times

Question #2 *Topic 1*

An Alexa Skill Builder wants a skill to inform the users of the number of times they have launched the skill.
What approach should the Builder take to track this information?

A. Store and increment a launchCount session attribute.

B. Using the ASK SDK, implement a persistent attribute that is stored and retrieved from Amazon DynamoDB.

C. Perform a scan of the Amazon DynamoDB table for the number of records and count each record as a skill launch.

D. Set up a global variable in the code project that increments each time the code is invoked by Amazon Alexa.

Suggested Answer: *B*
Reference: https://developer.amazon.com/en-US/docs/alexa/alexa-skills-kit-sdk-for-nodejs/manage-attributes.html

ramya_roy2001 Most Recent 4 years, 11 months ago
B is correct
upvoted 2 times

conmtia0214 5 years, 1 month ago
https://developer.amazon.com/ja-JP/docs/alexa/devconsole/measure-skill-usage.html

Sessions The total number of sessions, the type of successful end sessions (sessions that did not end with an error), the average number of sessions per user, and the distribution of session types (the ratio of successes, failures, and no responses to the total number of sessions).

A
upvoted 1 times

conmtia0214 5 years ago
persistent attribute

sorry B is correct
upvoted 2 times

Question #3 *Topic 1*

On Amazon Alexa enabled devices with a screen, which of the following standard built-in intents are handled by Alexa on the skill's behalf and are not forwarded to the skill? (Choose three.)

A. AMAZON.NextIntent

B. AMAZON.MoreIntent

C. AMAZON.ScrollDownIntent

D. AMAZON.PreviousIntent

E. AMAZON.StartOverIntent

F. AMAZON.NavigateHomeIntent

Suggested Answer: *C, E, F*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/standard-built-in-intents.html

mm12341234 4 years, 11 months ago
BCF is answer
upvoted 1 times

mm12341234 Most Recent 4 years, 11 months ago
https://developer.amazon.com/ja-JP/docs/alexa/custom-skills/standard-built-in-intents.html#built-in-intents-echo-show
upvoted 1 times

Hemanthmk 4 years, 11 months ago
BCF is the correct answer
upvoted 1 times

conmtia0214 5 years ago
https://developer.amazon.com/ja-JP/docs/alexa/custom-skills/standard-built-in-intents.html

1.AMAZON.ScrollUpIntent 2.AMAZON.ScrollLeftIntent 3.AMAZON.ScrollDownIntent 4.AMAZON.ScrollRightIntent 5.AMAZON.PageUpIntent 6.AMAZON.PageDownIntent 7.AMAZON.MoreIntent 8.AMAZON.NavigateHomeIntent 9.AMAZON.NavigateSettingsIntent

BCE
upvoted 1 times

beedle 5 years ago
BCF is right not E
upvoted 2 times

Question #4 *Topic 1*

An Alexa Skill Builder needs to set up an Amazon Alexa skill beta test.
What user identifier should be used to add beta testers?

A. AWS account number

B. Alexa user email address

C. Amazon vendor ID

D. Amazon customer ID

Suggested Answer: *B*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/skills-beta-testing-for-alexa-skills.html

mm12341234 Most Recent 4 years, 11 months ago
B is answer
upvoted 1 times

Hemanthmk 5 years ago
B is correct
upvoted 1 times

conmtia0214 5 years ago
https://developer.amazon.com/ja-JP/docs/alexa/custom-skills/skills-beta-testing-for-alexa-skills.html

B
upvoted 1 times

Question #5 *Topic 1*

An Alexa Skill Builder is developing a custom skill to play a live audio stream.
What two built-in intents are required to implement the AudioPlayer interface?

A. AMAZON.NextIntent and AMAZON.StopIntent

B. AMAZON.ResumeIntent and AMAZON.PauseIntent

C. AMAZON.CancelIntent and AMAZON.ResumeIntent

D. AMAZON.RepeatIntent and AMAZON.StopIntent

Suggested Answer: *B*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/audioplayer-interface-reference.html

conmtia0214 Most Recent 4 years, 11 months ago
https://developer.amazon.com/ja-JP/docs/alexa/custom-skills/audioplayer-interface-reference.html

Implement the built-in intent needed to pause and resume audio. Adding the AudioPlayer interface to your skill will automatically add these required intents to your model. AMAZON.PauseIntent AMAZON.ResumeIntent

B
upvoted 2 times

gabbox 5 years ago
Answer are B & C
upvoted 1 times

Question #6 *Topic 1*

An Alexa Skill Builder is trying to enable a skill in the developer console. The skill model builds without errors, but the Builder is unable to turn on testing.
What could be causing this?

A. The skill's slot types are invalid.

B. The skill does not have an example phrase

C. The skill does not have an invocation name

D. The skill does not have an endpoint

Suggested Answer: *C*
Reference: https://developer.amazon.com/en-US/docs/alexa/devconsole/test-your-skill.html

conmtia0214 Most Recent 5 years ago
https://developer.amazon.com/ja-JP/docs/alexa/devconsole/test-your-skill.html

The interaction model should include:

Specify the call name in Call Name> Skill Call Name. In the intent, define one or more intents that contain sample utterances. Defines the slot type (if the custom intent contains slots). The model should be built without errors.

C
upvoted 1 times

Question #7 *Topic 1*

An Alexa Skill Builder has published a skill to the Alexa Skills Store, but soon after realizes that Amazon Alexa is saying an incorrect word in one of the responses.
What is the recommended method for the Builder to correct this issue?

A. Correct the response in a new endpoint, and after updating the In Development version of the skill, redeploy it.

B. Access the In Development version of the skill, alter the intent that was causing the incorrect word, then resubmit the skill for certification.

C. Edit the response in a new endpoint, and after updating the In Development version of the skill, resubmit it for certification.

D. Correct the response in the existing endpoint of the Live version of the skill, then redeploy it.

Suggested Answer: *A*

Hemanthmk Most Recent 5 years ago
B is the right answer
upvoted 1 times

Anadyr 5 years, 1 month ago
B is correct
upvoted 4 times

Question #8 *Topic 1*

An Alexa Skill Builder needs to change the invocation name of a new skill.
What status should the skill be in to make this change?

A. In Development

B. Build

C. In Certification

D. Edit

Suggested Answer: *D*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/choose-the-invocation-name-for-a-custom-skill.html

Hemanthmk Most Recent 4 years, 12 months ago
Answer is A. In development
upvoted 1 times

Babyfacer 5 years ago
A. https://developer.amazon.com/en-US/docs/alexa/devconsole/test-and-submit-your-skill.html
upvoted 1 times

Question #9 *Topic 1*

An Amazon Alexa interactive story skill needs to provide users with the option to resume the skill from where users left off when they last used the skill.
Where should the data be stored to ensure that the skill will start at the correct location?

A. In a JSON file along with the skill's AWS Lambda function

B. In Amazon DynamoDB

C. In the skill's session object

D. In the skills's request object

Suggested Answer: *C*
Reference: https://developer.amazon.com/en-US/docs/alexa/in-skill-purchase/add-isps-to-a-skill.html

Babyfacer Highly Voted 4 years, 11 months ago

B. Because the skill session ends when you send the Buy directive, be sure to save any relevant user data in a persistent data store so that your skill can continue where the user left off after the purchase flow is completed and your endpoint is back in control of the user experience. You can use any persistent storage you want. https://developer.amazon.com/en-US/docs/alexa/in-skill-purchase/add-isps-to-a-skill.html
upvoted 5 times

Question #10 *Topic 1*

An Alexa Skill Builder is developing a custom skill and needs to verify that the correct slot values are being passed into the AWS Lambda function. According to best practices, what is the MOST efficient way to capture this information?

A. Add a logging statement to write the event request to Amazon CloudWatch Logs.

B. Add an API call to write the environment variables to an Amazon S3 bucket when the function is invoked.

C. Add an API call to read the event information from AWS Cloud Trail logs and add a PutObject API call to write to an Amazon S3 bucket.

D. Add a statement to parse the JSON request and save to the local disk for the Lambda function

Suggested Answer: *D*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/validate-slot-values.html

Babyfacer 5 years ago

A. CloudWatch Logs should be the easiest way to capture the value.

upvoted 1 times

Babyfacer Most Recent 4 years, 11 months ago

https://developer.amazon.com/blogs/alexa/post/99fb071e-9aaf-481b-b9af-0186c0f712a5/how-to-monitor-custom-alexa-skills-using-amazon-cloudwatch-alarms

upvoted 1 times

Question #11 *Topic 1*

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.

Suggested Answer: *C*

goodh32 Most Recent 4 years, 11 months ago
userid is not considered a PII
upvoted 1 times

goodh32 5 years ago
Correct answer is B . child directed skills can not have personal & location information
upvoted 1 times

Babyfacer 5 years, 1 month ago
C. https://developer.amazon.com/blogs/post/TxNGVJKGQ2742J/Stay-on-the-Right-Side-of-Child-Protection-Law
upvoted 2 times

Question #12 *Topic 1*

The namespace value in the header of the incoming directive for an Amazon Alexa smart home skill specifies the:

A. context of the message

B. capability interface of the message

C. endpoint specified in the message

D. control message for the directive

Suggested Answer: *D*
Reference: https://developer.amazon.com/en-US/docs/alexa/device-apis/alexa-errorresponse.html

2na3 Most Recent 4 years, 12 months ago

Answer is B https://developer.amazon.com/ja-JP/docs/alexa/smarthome/smart-home-skill-api-message-reference.html#header-object

upvoted 2 times

Question #13 *Topic 1*

According to Amazon Alexa best practices, how should an Alexa Skill Builder prevent unintentional requests against a skill's backend when using AWS Lambda?

A. Ensure that the session ID provided by the request to Lambda is not already in use.

B. Rotate the Lambda ARN regularly to prevent others from using the service.

C. Retrieve the Application ID property from the request JSON and validate it against the Lambda environment variables.

D. Provide the Lambda trigger with the Application ID so that it validates on the ask trigger.

Suggested Answer: *C*

Hemanthmk Most Recent 5 years ago

Answer is D

upvoted 1 times

Babyfacer 5 years ago

D. https://developer.amazon.com/en-US/docs/alexa/custom-skills/host-a-custom-skill-as-an-aws-lambda-function.html#configuring-the-alexa-skills-kit-trigger

upvoted 2 times

Question #14 *Topic 1*

An Alexa Skill Builder would like to improve a skill's help experience. To do this, the Builder plans to leverage the user's activity leading up to the help request to contextualize the help response.
Where should the skill obtain the necessary context?

A. Load the user's recent activity from the Intent Request History API, then use this to provide context to the AMAZON.HelpIntent request.

B. Retrieve the recent activity from the context object passed with the AMAZON.HelpIntent request.

C. Use a session attribute to store the intent name for each request, then use this to provide context to the AMAZON.HelpIntent request.

D. Retrieve the recent activity from the slot values passed with the AMAZON.HelpIntent request.

Suggested Answer: *D*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/implement-the-built-in-intents.html

Babyfacer Most Recent 4 years, 12 months ago

C. https://developer.amazon.com/en-US/blogs/alexa/alexa-skills-kit/2018/05/using-session-attributes-in-your-alexa-skill-to-enhance-the-voice-experience "Using session attributes to repeat the last response is one of the many ways you can use them to improve the voice experience. You could also use session attributes to create a context sensitive “Help” for your customers. Rather than delivering the same help message, you could create an intent history by assigning the last intent to an attribute called “lastIntent" and then using that to deliver context sensitive help messages. You could even use this “lastIntent” attribute to suggest a valid slot in case the slot is missing or not a match."
upvoted 1 times

Question #15 *Topic 1*

An Alexa Skill Builder adds a colleague to a skill using the beta test feature. The colleague logs in to the developer console to edit the interaction model and cannot see the skill.
Why is this happening?

A. The colleague needs the ROLE_ADMINISTRATOR enablement.

B. The skill was not submitted for publishing.

C. The colleague was not made an administrator in the beta test tool.

D. The colleague has not been added to the skill's developer account.

Suggested Answer: *C*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/skills-beta-testing-for-alexa-skills.html

Babyfacer Most Recent 5 years ago

D. https://developer.amazon.com/blogs/post/Tx2EN8P2AHAHO6Y/How-to-Add-Beta-Testers-to-Your-Skills-Before-You-Publish "Once in User Permissions, select Add New. Here you will create a new entry by entering the email address of the developer account you want to add and select the developer checkbox. Click Save to add the user and generate the email to the tester."
upvoted 1 times

Question #16 *Topic 1*

An Amazon Alexa skill fetches data for users from a third-party API and the wait for the response from that call is variable, often taking up to 5 seconds.
What is the recommended method for notifying users that a skill is working on the request and has not failed to respond?

A. Prefetch the data that is expected to the required by the skill from the third-party API using Amazon CloudWatch Events.

B. Call the Progressive Response API and send a directive, such as VoicePlayer.Speak

C. Ask a follow-up question for clarification to engage the user while waiting for the initially requested response.

D. Respond to the user stating that the data will be ready soon, and upon the next launch of the skill, provide the user with the response they initially requested.

Suggested Answer: *B*
Reference: https://developer.amazon.com/en-US/docs/alexa/custom-skills/send-the-user-a-progressive-response.html

originaly Most Recent 5 years ago
The answer is B.
upvoted 2 times

Question #17 *Topic 1*

An Alexa Skill Builder has created a custom skill about basketball including a HowToPlayBasketball intent. When looking at the Intent History page in the developer console, the Builder sees that a number of users are asking the skill how to play baseball. The Builder wants to add a relevant response directing the user back to the topic of basketball.
How should the Builder implement this?

A. Add AMAZON.FallbackIntent and respond with a message about baseball in the handler

B. Create a custom intent related to baseball, and when matched, provide a relevant response

C. Add more sample utterances related to baseball in the HowToPlayBasketball intent

D. Create a new custom baseball slot and add a slot-filling utterance to the HowToPlayBasketball intent.

Suggested Answer: *A*
Reference: https://developer.amazon.com/blogs/alexa/post/c97f3bb7-9701-41e8-ac06-a3a44b9f1638/use-the-new-fallback-intent-to-respond-gracefully-to- unexpected-customer-requests

mm12341234 Most Recent 5 years ago
answer is A.
upvoted 2 times

Question #18 *Topic 1*

An Alexa Skill Builder is using session attributes to maintain a user's state.
What can the Builder do to ensure that a user's session is not lost if they take too long to answer a question and the skill exists?

A. Set shouldEndSession to false in the response object to prevent the skill from exiting.

B. Handle the SessionEndedRequest request type and persist the user's session to a database.

C. Return false from the SessionEndedRequest handler so the session does not exist.

D. Return a reprompt in the response object from the SessionEndedRequest handler.

Suggested Answer: *A*
Reference: https://developer.amazon.com/blogs/alexa/post/08edaa00-59e2-46b7-aace-4080f2a87450/using-session-attributes-in-your-alexa-skill-to-enhance-the- voice-experience

mm12341234 Most Recent 4 years, 12 months ago
answer is B.
upvoted 3 times

originaly 5 years ago
The answer is B. The question states that the session already ended, so the only way to prevent the session data to disappear is to store it somewhere.
upvoted 1 times

gabbox 5 years ago
A. correct https://developer.amazon.com/en-US/docs/alexa/custom-skills/manage-skill-session-and-session-attributes.html
upvoted 1 times

Question #19 *Topic 1*

A travel booking skill has slot elicitation for fromCity, toCity, and travelDate inside of a dialog. After going live, the skill is getting negative reviews stating that the skill does not understand the city names when customers try to book travel.
The Alexa Skill Builder adds AMAZON.FallbackIntent to the interaction model with the goal of providing better messaging for out-of-domain utterances.
Why will the addition of AMAZON.FallbackIntent fail to resolve the customer issue?

A. AMAZON.FallbackIntent will not be triggered in the middle of a dialog.

B. A handler cannot be added to a Live skill.

C. AMAZON.FallbackIntent will cause the slot values to be incorrectly mapped.

D. AMAZON.FallbackIntent cannot be present in a skill with a Dialog directive.

Suggested Answer: *A*

mm12341234 Most Recent 5 years ago

answer is A.

upvoted 2 times

originaly 5 years, 1 month ago

The answer is A. When you delegate the dialog to Alexa, Alexa can automatically prompt the user to fill in required slots in a dialog, based on a defined dialog model. The AMAZON.FallbackIntent is not normally triggered during this dialog. When Alexa prompts the user to fill a required slot, the voice model is biased to listen for the specific utterances defined for that slot in the dialog model. If the user says something that would be "out-of-domain", Alexa asks for the slot again. Source: https://developer.amazon.com/en-US/docs/alexa/custom-skills/standard-built-in-intents.html#amazonfallbackintent-when-you-delegate-the-dialog

upvoted 2 times

Question #20 *Topic 1*

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

Suggested Answer: *A, C*

mm12341234 Most Recent 4 years, 12 months ago
answer is CE.
upvoted 1 times

Hemanthmk 5 years ago
CE sounds cottect
upvoted 1 times

conmtia0214 5 years ago
CE is correct

You can't verify that you're a new user with the Alexa Settings API, Entity resolution, or Device Address API. Get the user's contact information with the Customer Profile API, send a welcome email, and record it with Data persistence.
upvoted 3 times

Question #21 *Topic 1*

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

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

mm12341234 Most Recent 5 years ago
answer is D.
upvoted 1 times

mm12341234 5 years ago
answer is D
upvoted 1 times

originaly 5 years ago
The answer is D.
upvoted 1 times

Question #22 *Topic 1*

An Alexa Skill Builder needs to have knowledge of the previous prompt that was presented to the user in order to give context to the user's response.
How can the Builder accomplish this?

A. Find the corresponding prompt using the list events feature

B. Store a reference to the prompt used as a session attribute

C. Call the Intent Request History API to identify which prompt was used.

D. Parse the context object from the skill request.

Suggested Answer: *C*

mm12341234 5 years, 1 month ago
answer is C.
upvoted 1 times

mm12341234 Most Recent 5 years ago
I am sorry, I made a mistake. B
upvoted 2 times

originaly 5 years, 1 month ago
The answer is B.
upvoted 1 times

Question #23 *Topic 1*

What are the prerequisites for implementing account linking for Amazon Alexa smart home skills?

A. OAuth 2.0 with either implicit grant flow or authorization code grant flow

B. OAuth 2.0 with authorization code grant flow

C. OpenID Connect wit JSON.Web Token (JWT)

D. OAuth 1.0/2.0 with implicit grant flow

Suggested Answer: *B*
Reference: https://developer.amazon.com/en-US/docs/alexa/account-linking/account-linking-for-sh-and-other.html#prerequisites

originaly Most Recent 4 years, 12 months ago
The answer is B.
upvoted 3 times

Babyfacer 5 years, 1 month ago
A. https://developer.amazon.com/en-US/docs/alexa/account-linking/requirements-account-linking.html Your system must meet the following requirements:

OAuth – Your system must support OAuth 2.0. Grant type – If your skill is a custom skill, your system must support the authorization code grant type or implicit grant type. Any other type of skill that supports account linking (for example, smart home skills) must support the authorization code grant type.
upvoted 1 times

Babyfacer 5 years, 1 month ago
Sorry. C. For Smart Home. To implement account linking for smart home skills, you must have the following prerequisites:

Your system must support OAuth 2.0 and the authorization code grant type.
upvoted 1 times

Babyfacer 5 years ago
haha, B correct, explanation is correct, my typo for the answer.
upvoted 3 times