AskHome
DEVELOPMENT
4/28/16

*Fields required for certification

Skill Information ✓
Interaction Model ✓
Configuration ✓
Test ✓
Publishing Information ✓
Privacy & Compliance ✓

Application Id
The ID for this skill

amzn1.ech̲ ̲k-ams.ar̲ ̲ed4991 ̲ ̲7-49c5-b̲ ̲ ̲cca66a7̲

Skill Type *
You can choose a Skill API or define the interaction model. Learn more

○ Custom Interaction Model
○ Smart Home Skill API

Name *
The name of this skill. This is the name displayed in the Alexa App.

AskHome

Invocation Name *
The name users will say to interact with this skill. This does not have to be the same as the skill name. The invocation name must comply with the Invocation Name Guidelines

home

[Save] [Submit for Certification]   [Next]

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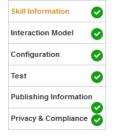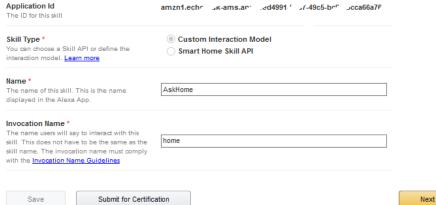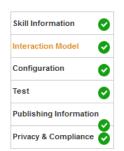**Intent Schema***
The schema of user intents in JSON format. For more information, see Intent Schema.
Also see built-in slots and built-in intents.

```
 1  {
 2      "intents": [
 3          {
 4              "intent": "Home",
 5              "slots": [
 6                  {
 7                      "name": "Operator",
 8                      "type": "LIST_OF_OPERATORS"
 9                  },
10                  {
11                      "name": "Noun",
12                      "type": "LIST_OF_NOUNS"
13                  },
14                  {
15                      "name": "Operand",
16                      "type": "LIST_OF_OPERANDS"
```

Custom Slot Types
Custom slot types to be referenced by the Intent Schema and Sample Utterances
For general information about custom slots, see Custom Slot Types.
Example: TOPPINGS - cheese | onions | ham (note: newlines displayed as | for brevity)

[Add Slot Type]

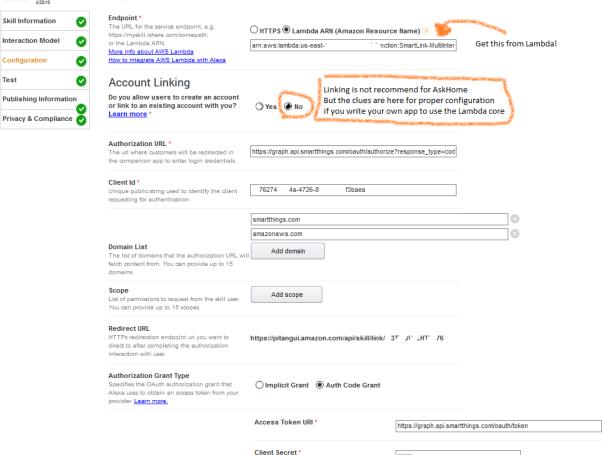| Type	Values	
LIST_OF_INQUISIT...	is | are | who | what | when | where | why | how | which	Edit
LIST_OF_NOUNS	Bedroom Light | Medic Button | Water Shutoff Valve | Kitchen Air | Baseme...	Edit
LIST_OF_OPERANDS	black | white | blue | green | yellow | orange | purple | pink | red | 0 | 1 | ...	Edit
LIST_OF_OPERATORS	status | on | off | presence | present | not present | open | close | closed ...	Edit

Sample Utterances*
Phrases end users say to interact with the skill. For better results, provide as many samples as you can. Note that you must select three of these to use as your Example Phrases on the Description tab.
For more information, see Sample Utterances.

```
 1  Home about the {Noun}
 2  Home if the {Noun} are {Operator}
 3  Home {Inquisitor} {Noun} are {Operator}
 4  Home {Inquisitor} {Operator} is the {Noun}
 5  Home {Inquisitor} the {Noun} {Operator}
 6  Home {Inquisitor} the {Noun} is {Operator}
 7  Home {Inquisitor} the {Noun} is turned {Operator}
 8  Home for the {Operator} of the {Noun}
 9  Home for the {Noun} {Operator}
10  Home for the {Operator} of {Noun}
11  Home to turn {Operator} the {Noun}
12  Home to turn the {Noun} {Operator}
13  Home {Noun} {Operator}
14  Home to {Operator} {Noun}
15  Home {Inquisitor} {Noun} {Operator}
```

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Endpoint *
The URL for the service endpoint, e.g.
https://myskill.ishere.com/somepath,
or the Lambda ARN.
More info about AWS Lambda
How to integrate AWS Lambda with Alexa

○ HTTPS   ◉ Lambda ARN (Amazon Resource Name) ⑦

`arn:aws:lambda:us-east-' ' 'nction:SmartLink-MultiInter`

Get this from Lambda!

Account Linking

Do you allow users to create an account
or link to an existing account with you?
Learn more *

○ Yes   ◉ No

Linking is not recommend for AskHome
But the clues are here for proper configuration
if you write your own app to use the Lambda core

Authorization URL *
The url where customers will be redirected in
the companion app to enter login credentials.

`https://graph.api.smartthings.com/oauth/authorize?response_type=cod`

Client Id *
Unique public string used to identify the client
requesting for authentication.

`76274    4a-4726-8'        f3baea`

Domain List
The list of domains that the authorization URL will
fetch content from. You can provide up to 15
domains.

`smartthings.com` ⊗
`amazonaws.com` ⊗

[Add domain]

Scope
List of permissions to request from the skill user.
You can provide up to 15 scopes.

[Add scope]

Redirect URL
HTTPs redirection endpoint uri you want to
direct to after completing the authorization
interaction with user.

`https://pitangui.amazon.com/api/skill/link/ 3ᵀ ' 3' ₂HT' 76`

Authorization Grant Type
Specifies the OAuth authorization grant that
Alexa uses to obtain an access token from your
provider. Learn more.

○ Implicit Grant   ◉ Auth Code Grant

Access Token URI *

`https://graph.api.smartthings.com/oauth/token`

Client Secret *

`******`

Client Authentication Scheme

`HTTP Basic (Recommended) ⌄`

Configuration ✓

Test

Publishing Information ✓

Privacy & Compliance ✓

Once you have completed testing on your device, please complete the Description and Publishing Information tab, then submit the skill for certification.

If it passes Amazon's testing and certification process, it will become available to Alexa end users.

Try this on your Echo: Alexa ask home

Voice Simulator

Hear how Alexa will speak a response entered in plain text or SSML. Learn more about supported SSML tags.

For example: Here is a word spelled out: <say-as interpret-as="spell-out">hello</say-as>.

Here is a word spelled out: <say-as interpret-as="spell-out">hello</say-as>.   Listen ▶

Service Simulator

Use Service Simulator to test your lambda function.

| Text | Json |

Enter Utterance *

ask home to lock the front door   ⊗

    Ask AskHome   Reset

If you want to ONLY test the link between Lambda and SmartThings - excluding the link from Alexa to Lambda:

Enter an Utterance and then:
Cut and Paste this into the Lambda Test window (not the code window)...and it will provide lambda with everything that Alexa would normally send to lambda for testing.

Lambda Request

```
1  {
2    "session": {
3      "sessionId": "SessionId.74b46b88-9f8b-4
4      "application": {
5        "applicationId": "amzn1.echo-sdk-ams.
6      },
7      "user": {
8        "userId": "amzn1.ask.account.AFP3ZWP(
9        "accessToken": "8bd77014-daf1-4705-b2
10     },
11     "new": true
12   },
13   "request": {
14     "type": "IntentRequest",
15     "requestId": "EdwRequestId.23ddd175-04a
16     "timestamp": "2016-04-28T14:45:55Z",
17     "intent": {
18       "name": "Home",
19       "slots": {
20         "Operator": {
21           "name": "Operator",
22           "value": "lock"
23         },
24
25
```

Lambda Response

```
1  {
2    "response": {
3      "outputSpeech": {
4        "type": "PlainText",
5        "text": "The front door is locked.  "
6      },
7      "card": {
8        "content": "The front door is locked.
9        "title": "System Data",
10       "type": "Simple"
11     },
12     "shouldEndSession": true
13   }
14 }
```

Listen ▶