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AWS

# AWS Certified Alexa Skill Builder (Specialty)

## Validate your technical skills and grow your career.

An Alexa Skill Builder (Specialty) exam helps those who specialize in building skills for Amazon's Alexa platform. It shows that you possess the ability to build, test and publish Amazon Alexa Skills.

### Why Take The AWS Alexa Skill Builder (Specialty) Course?

Your certification places you at the front of the line.

Passing the exam will allow you to attain an industry-recognized merit from AWS that says: **you know what you're doing.** It proves to your employer that you have the necessary skills and knowledge to earn top dollar when you work for them.

### Increase Your Salary

- The average salary for someone who holds an AWS Certified Alexa Skill Builder (Specialty) certification is around $122,000

### Abilities Validated By The Certification:

- Explain the value of voice
- Design the user experience
- Design the architecture to build the skill
- Follow AWS and Alexa security best practices for the skill
- Develop, test, validate, and troubleshoot the skill
- Manage the skill-publishing process and work with the Alexa Developer Console
- Manage skill operations and life cycles

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## Recommended Knowledge & Experience:

- At least 6 months of hands-on experience building Alexa skills using the Alexa Skills Kit, including skills that incorporate services from the AWS Cloud
- Proficiency with a programming language
- Published an Alexa skill

## Scoring

Domain 1: Voice-First Design Practices and Capabilities 14%
Domain 2: Skill Design 24%
Domain 3: Skill Architecture 14%
Domain 4: Skill Development 20%
Domain 5: Test, Validate, and Troubleshoot 18%
Domain 6: Publishing, Operations, and Lifecycle Management 10%

## Exam Topics:

***The AWS Certified Alexa Skill Builder-Speciality (AXS-C01) Exam***

Domain 1: Voice-First Design Practices and Capabilities

1.1 Describe how users interact with skills
1.2 Map features and capabilities to use cases

Domain 2: Skill Design

2.1 Design and develop an interaction model
2.2 Design a multi-turn conversation
2.3 Use built-in intents and slots
2.4 Handle unexpected conversational requests or responses
2.5 Design multi-modal skills using one or more service interfaces (for example, audio, video, and gadgets)

Domain 3: Skill Architecture

3.1 Identify AWS services for extending Alexa skill functionality (Amazon CloudFront, Amazon S3, Amazon CloudWatch, and Amazon DynamoDB)
3.2 Use AWS Lambda to build Alexa skills
3.3 Follow AWS and Alexa security and privacy best practices

Domain 4: Skill Development

4.1 Implement in-skill purchasing and Amazon Pay for Alexa Skills
4.2 Use Speech Synthesis Markup Language (SSML) for expression and MP3 audio
4.3 Implement state management
4.4 Implement Alexa service interfaces (audio player, video player, and screens)
4.5 Parse Alexa JSON requests and provide responses

Domain 5: Test, Validate, and Troubleshoot

5.1 Debug and troubleshoot using Amazon CloudWatch or other tools
5.2 Use the Alexa developer testing tools
5.3 Perform beta testing 5.4 Troubleshoot errors in the interaction model

Domain 6: Publishing, Operations, and Lifecycle Management

6.1 Describe the skill publishing process
6.2 Add and remove users in the developer console
6.3 Perform analysis of skill analytics in the developer console
6.4 Differentiate among the statuses/versions of skills (for example, In Development, In Certification, and Live)

### Prepare for your exam:

The best way to prepare is with first-hand experience. Taking advantage of the opportunities that Phoenix TS provides will assist you with gathering all the knowledge and skills you'll need for certification.

## Phoenix TS AWS Certified Alexa Skill Builder – Learning Pathways

1 –

https://www.globalknowledge.com/us-en/resources/resource-library/articles/top-paying-certifications/?utm_source=Sales-Enablement&utm_medium=White-Paper&utm_campaign=&utm_content=Top-Paying-Certs



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## Exam Details

- Multiple choice, multiple answers
- Testing in person or online proctored exam
- 130 Min to take the test
- $150 test fee
- Available in English, Japanese, Korean, and Simplified Chinese