

### Description

The *AWS Certified Alexa Skill Builder – Specialty* exam validates technical knowledge in building, testing, publishing, and certifying Amazon Alexa skills. This full-day, advanced-level course is intended for individuals with 1) hands-on experience building Alexa skills using the Alexa Skills Kit, including skills that incorporate services from the AWS cloud; and 2) proficiency with a programming language (example: Node.js, JavaScript, Python). In this course, you will explore the exam's topic areas, mapping to topics such as predesigning, building, troubleshooting and publishing an Alexa skill using AWS services. The course reviews sample exam questions in each topic area and teaches you how to interpret the concepts being tested so that you can more easily eliminate incorrect responses.

### Intended Audience

This course is intended for developers/architects to use their technical expertise to build Alexa skills and who are preparing to take the *AWS Certified Alexa Skill Builder – Specialty* exam.

### Course Objectives

In this course, you will learn how to:

- Understand the exam structure and question types
- Identify how questions relate to Alexa skill building
- Interpret the concepts being tested by an exam question
- Allocate your time studying for the *AWS Certified Alexa Skill Builder – Specialty* exam

### Prerequisites

We recommend that attendees of this course have the following:

- 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 (example: Node.js, JavaScript, Python)

### Delivery Method

This course is delivered through a mix of:

- Classroom training
- Sample exercise questions

**Note:** There are no technical lab exercises in this course.

### Duration

Full day (eight hours)

### Course Outline

This course covers the following concepts:

- How to prepare for the certification exam
- Understand Voice-First design practices and capabilities
- How to design Alexa skills
- Architecting Alexa skills with other AWS services
- How to develop Alexa skills
- Understanding the testing, validating, and troubleshooting process
- Familiarization with the publishing, operations, and lifecycle management of an Alexa skill
- Practice exam questions