

AWS Certified Developer - Associate – Certification

Description

Developing on AWS helps developers understand how to use the AWS SDK to develop secure and scalable cloud applications. The course provides in-depth knowledge about how to interact with AWS using code and covers key concepts, best practices, and troubleshooting tips

At a Glance

Level	Modality	Length
Intermediate	Instructor-led, Live or Virtual Class	3 Days

Course Objectives

This course is designed to teach you how to:

- Set up the AWS SDK and developer credentials for Java, C#/.Net, Python, and JavaScript.
- Use the AWS SDK to interact with AWS services and develop solutions.
- Use Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB as data stores.
- Integrate applications and data by using Amazon Kinesis, AWS Lambda, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Workflow Service (Amazon SWF).
- Use AWS Identity and Access Management (IAM) for service authentication.
- Use Web Identity Framework and Amazon Cognito for user authentication.
- Use Amazon ElastiCache and Amazon CloudFront to improve application scalability.
- Deploy applications by using AWS Elastic Beanstalk and AWS CloudFormation.

Intended Audience

This course is intended for:

- Intermediate-level software developers

Prerequisites

Attendees should have the following prerequisites:

- Familiarity with AWS services
- A working knowledge of Java, C#/.Net, or Python

HEAD OFFICE

'PANCHASHEEL', 42/16, ERANDAWANA, SEED INFOTECH LANE, OFF KARVE ROAD, PUNE-411004, MAHARASHTRA (INDIA).

PUNE: +91 9850 843 664 | BANGLORE: +91 9844 621 164

workshops@seedinfotech.com

WWW.SEEDWORKSHOPS.COM | WWW.SEEDINFOTECH.COM

Course Outline

Note: course outline may vary slightly based on the regional location and/or language in which the class is delivered.

Day 1

- Introduction to Developing on AWS
- Choosing a Data Store
- Developing Storage Solutions with Amazon S3
- Developing Flexible NoSQL Solutions with Amazon DynamoDB

Day 2

- Working with Events
- Developing Event-Driven Solutions with Amazon Kinesis Stream
- Developing Event-Driven Solutions with Amazon SWF, Amazon SQS, and Amazon SNS
- Developing Event-Driven Solutions with AWS Lambda

Day 3

- Developing Secure Applications
- Caching Information for Scalability
- Monitoring Your Application and AWS Resources with Amazon CloudWatch
- Deploying Applications with AWS Elastic Beanstalk and AWS CloudFormation

Exam Overview

- Multiple choice and multiple answer questions
- 80 minutes to complete the exam
- Available in English, Simplified Chinese, and Japanese
- Practice Exam Registration fee is USD 20
- Exam Registration fee is USD 150
- No prerequisites; recommend taking

HEAD OFFICE

'PANCHASHEEL', 42/16, ERANDAWANA, SEED INFOTECH LANE, OFF KARVE ROAD, PUNE-411004, MAHARASHTRA (INDIA).

PUNE: +91 9850 843 664 | BANGLORE: +91 9844 621 164

workshops@seedinfotech.com

WWW.SEEDWORKSHOPS.COM | WWW.SEEDINFOTECH.COM