



AWS

## AWS Certified Developer (Associate)

Validate your technical skills and  
grow your career.

Phoenix TS AWS Certified Developer Associate certification course provides hands-on experience developing and maintaining an AWS-based application

An AWS Certified Developer (Associate) exam helps anyone who holds a developer role and has at least one year of experience handling development and maintenance of an AWS-based application.

### Why Take The AWS Certified Developer (Associate) 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:

- In 2019, the average starting salary of an AWS Certified Developer - Associate was around \$130,000.

### Abilities Validated By The Certification:

- Demonstrate an understanding of core AWS services, uses, and basic AWS architecture best practices
- Demonstrate proficiency in developing, deploying, and debugging cloud-based applications using AWS



## Recommended Knowledge & Experience:

- In-depth knowledge of at least one high-level programming language
- Understanding of core AWS services, uses, and basic AWS architecture best practices
- Proficiency in developing, deploying, and debugging cloud-based applications using AWS
- Ability to use the AWS service APIs, AWS CLI, and SDKs to write applications
- Ability to identify key features of AWS services
- Understanding of the AWS shared responsibility model
- Understanding of application lifecycle management
- Ability to use a CI/CD pipeline to deploy applications on AWS
- Ability to use or interact with AWS services
- Ability to apply a basic understanding of cloud-native applications to write code
- Ability to write code using AWS security best practices (e.g., not using secret and access keys in the code, instead using IAM roles)
- Ability to author, maintain, and debug code modules on AWS
- Proficiency writing code for serverless applications
- Understanding of the use of containers in the development process

## Scoring:

Domain 1: Deployment 22%

Domain 2: Security 26%

Domain 3: Development with AWS Services 30%

Domain 4: Refactoring 10%

Domain 5: Monitoring and Troubleshooting 12%

## Exam Topics:

### ***AWS Certified Developer - Associate (DVA-C01)***

Domain 1: Deployment

- 1.1 Deploy written code in AWS using existing CI/CD pipelines, processes, and patterns
- 1.2 Deploy applications using Elastic Beanstalk
- 1.3 Prepare the application deployment package to be deployed to AWS
- 1.4 Deploy serverless applications

Domain 2: Security

- 2.1 Make authenticated calls to AWS services
- 2.2 Implement encryption using AWS services



2.3 Implement application authentication, and authorization

## Domain 3: Development with AWS Services

3.1 Write code for serverless applications

3.2 Translate functional requirements into application design

3.3 Implement application design into application code

3.4 Write code that interacts with AWS services by using APIs, SDKs, and AWS CLI

## Domain 4: Refactoring

4.1 Optimize application to best use AWS services and features

4.2 Migrate existing application code to run on AWS

## Domain 5: Monitoring and Troubleshooting

5.1 Write code that can be monitored

5.2 Perform root cause analysis on faults found in testing or production within the shared responsibility model

## 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 Developer - Learning Pathways

- **AWS Technical Essentials**

Start from scratch to learn the AWS technical framework. Beginners become familiar with products, services, and best practices.

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- **Developing on AWS**



**Course Overview** Our 3-day, instructor-led Developing on AWS Training course helps developers understand how to use the AWS SDK to develop secure and scalable cloud applications. This Amazon AWS Training course provides in-depth knowledge about how to interact with AWS using code and covers key concepts, best practices, and troubleshooting tips. Attendees should have the [...]

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## • **Advanced Developing on AWS**

**Course Overview** This 3-day AWS course build upon the concepts discussed in the course, Developing on AWS. Students will deep dive into advanced development topics such as architecting for a non - cloud environment, legacy applications, and develop an understanding of the Twelve - Factor application methodology. This course will teach students how to: Analyze [...]

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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