

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