

CertKit: AWS Certified Developer – Associate 2022 (DVA-C01)

Amazon Web Services (AWS) is a prominent cloud provider offering IaaS, PaaS, and SaaS. With the emergence of new technology like containers and microservices, AWS has always been a front-runner in adopting the new technology stacks.

In this learning path, you will learn how to develop, deploy, and monitor applications using the various development tools and frameworks provided by AWS, with additional focus on microservices and containers. This CertKit is mapped to the 2020 version of the AWS Certified Developer - Associate certification exam.

Prerequisites:

We recommend that attendees of this course have the following prerequisites:

- In-depth knowledge of at least one high-level programming language
- Working knowledge of core AWS services and public cloud implementation

Course outcome:

- Set up the AWS SDK and developer credentials for Java, C#.NET, Python, and JavaScript
- Interact with AWS services and develop solutions by using the AWS SDK
- Use AWS Identity and Access Management (IAM) for service authentication
- Use Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB as data stores
- Integrate applications and data by using AWS Lambda, Amazon API Gateway, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and AWS Step Functions
- Use Amazon Cognito for user authentication
- Use containers in the development process
- Leverage the CI/CD pipeline to deploy applications on AWS

Who should attend:

This course is intended for Intermediate-level software developers.

CertKit content:

- E-learning courses:
 - AWS Developer Associate 2022: Cloud Services
 - AWS Developer Associate 2022: CloudFormation
 - AWS Developer Associate 2022: Serverless Compute Services
 - AWS Developer Associate 2022: Stateless Applications
 - AWS Developer Associate 2022: Configuration as Code
 - AWS Developer Associate 2022: Storage Services
 - AWS Developer Associate 2022: Database Services
 - AWS Developer Associate 2022: Analytics Services
 - AWS Developer Associate 2022: Integration Services
 - AWS Developer Associate 2022: CI/CD Services
 - AWS Developer Associate 2022: Identity & Access Management
 - AWS Developer Associate 2022: Encryption & Security
 - AWS Developer Associate 2022: Network Security
 - AWS Developer Associate 2022: AWS Elastic Beanstalk (EB)
 - AWS Developer Associate 2022: Amazon Elastic Compute Cloud (EC2)
 - AWS Developer Associate 2022: Monitoring Services
 - AWS Developer Associate 2022: AWS Optimization
 - AWS Developer Associate 2022: Troubleshooting Techniques
- MeasureUp Exam simulation
 - 150+ questions
- Tips & Tricks
- Challenge Labs (option)
 - This collection is comprised of over 15 challenges and contains over 10 hours of hands-on practice. These challenges are to be considered companion exercises that reinforce or expand upon concepts that are covered in the Exam DVA-C01 and is mapped to the skills measured of the exam.