

Developing on AWS

Code:	AWS-DEV
Length:	3 days
URL:	View Online

Prerequisite Courses

Essentials for Getting Started - AWS Technical Essentials

[View Details](#)

In this course, you learn how to use the AWS SDK to develop secure and scalable cloud applications. Explore how to interact with AWS using code and also learn about key concepts, best practices, and troubleshooting tips.

Skills Gained

This course is designed to teach you how to:

- 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 ElastiCache to improve application scalability
- Develop Secure Solutions

Who Can Benefit

This course is intended for:

- Intermediate-level software developers

Course Details

Delivery Method

This course is delivered through a mix of:

- Classroom training
- Demonstrations
- Hands-on labs

Course Outline

This course covers the following concepts:

- Introduction to AWS
- Introduction to Developing on AWS
- Introduction to AWS Identity and Access Management
- Developing Storage Solutions with Amazon S3
- Developing Flexible NoSQL Solutions with Amazon DynamoDB
- Developing Solutions with AWS Lambda
- Developing Solutions with Amazon API Gateway
- Developing Solutions with Amazon SQS and Amazon SNS
- Developing Event-Driven Solutions with AWS Step Functions
- Caching Information for Scalability
- Developing Secure Solutions
- Developing Applications

Related Certifications

Authorized training from ExitCertified is created and maintained by the vendor who also creates the certification exams. While it may not be a requirement of certification to attend a vendor-authorized training class, doing so will put you in the best position to successfully complete the related exams. Start training and begin working towards one of the following certifications today.

Developer

AWS Certified Developer - Associate

[View Certification](#)

[View All Certifications](#)

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

Developer - Advanced Developing on AWS

[View Details](#)

DevOps - DevOps Engineering on AWS

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Data Analytics - Big Data on AWS

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Machine Learning & Artificial Intelligence (AI) - The Machine Learning Pipeline on AWS

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native Strategy

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