Developing on AWS

Learn via: **Classroom**

Duration: **3 Day**

https://bilginc.com/en/training/developing-on-aws-1054-training/

Overview

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.

Target Audience

This course is intended for:

- Intermediate-level software developers

Delivery Method

This course is delivered through a mix of:

- Instructor-led training
- Hands-on labs

Prerequisites

- Attended AWS Technical Essentials classroom training or have equivalent experience
- Working knowledge of AWS core services

Programming experience in any one of the following languages:

- Python
- .NET
- Java

What You Will Learn

In this course, you will learn 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 Web Identity Framework and Amazon Cognito for user authentication
- Use Amazon ElastiCache to improve application scalability
- Use containers in the development process
- Leverage the CI/CD pipeline to deploy applications on AWS

Outline

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.