AWS07: Developing on AWS

Course Overview

The official Developing on AWS (WS07) course is an intermediate-level, 3-day training program designed to teach experienced developers how to programmatically interact with AWS services. The course focuses on using the AWS SDKs, AWS CLI, and APIs to build secure, scalable, and resilient cloud applications

Course Description

This course focuses on building technical expertise in cloud development. You will learn how to use the AWS SDK to interact with AWS services, write efficient code to manage data, and implement serverless application architectures. Through a combination of lectures, group discussions, and hands-on labs, you will practice writing code to interact with databases, object storage, queue systems, and authentication services.Target AudienceSoftware Developers: Intermediate-level developers who want to learn how to build cloud-native applications.Solution Architects: Architects looking to understand the code-level implementation of AWS services.DevOps Engineers: IT professionals who need to understand application deployment pipelines and code management on AWS.

Learning Curriculum

Module 1	**Course Overview**
Module 2	**Building a Web Application on AWS**
Module 3	**Getting Started with Development on AWS (SDKs and CLI)**
Module 4	**Getting Started with Permissions (IAM)**
Module 5	**Getting Started with Storage & Processing Operations (Amazon S3)**
Module 6	**Getting Started with Databases & Processing Operations (Amazon DynamoDB)**
Module 7	**Processing Your Application Logic (AWS Lambda)**
Module 8	**Managing APIs (Amazon API Gateway)**
Module 9	**: Building a Modern Application (Microservices & SQS/SNS)**

Module 10	**Granting Access to Your Application Users (Amazon Cognito)**
Module 11	**Deploying Your Application (AWS SAM and CI/CD)**
Module 12	**Observing Your Application (Amazon X-Ray)**

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