



Course Content

Course Description:

The Developing on AWS course is designed to help individuals design and build secure, reliable and scalable AWS-based applications. In this course, we cover fundamental concepts and baseline programming for developing applications on AWS. We also show you how to work with AWS code libraries, SDKs, and IDE toolkits so that you can effectively develop and deploy code on the AWS platform.

Prerequisites:

We recommend that attendees of this course have:

- Working knowledge of software development
- Familiarity with cloud computing concepts
- Basic familiarity with .NET (C#) or Java
- Prior experience with AWS is not required

Topics:

Day 1: Getting Started

- Working with the AWS code library, SDKs, and IDE toolkits
- Introduction to AWS security features
- Service object models and baseline concepts for working with Amazon Simple Storage Service (S3) and Amazon DynamoDB

Day 2: Working with AWS Services

- Service object models and baseline concepts for working with the Amazon Simple Queue Service (SQS) and the Amazon Simple Notification Service (SNS)
- Applying AWS security features

Day 3: Application Development and Deployment Best Practices

- Application deployment using AWS Elastic Beanstalk
- Best practices for working with AWS services