



## Developing on AWS

**Duration: 3 Days**    **Course Code: GK4504**

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### Overview:

Nederlands:

In de Amazon Web Services training 'Developing on AWS' leren deelnemers om veilige, betrouwbare en schaalbare AWS-applicaties te ontwerpen en te bouwen. In deze cursus gaan we in op basisaspecten en baseline-programmering voor het ontwikkelen van applicaties op AWS. We laten ook zien hoe u met AWS-codebibliotheken, SDK's en IDE-toolkits kunt werken, zodat u op een effectieve manier code kunt ontwikkelen en implementeren op het AWS-platform.

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English:

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.

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### Target Audience:

This course is intended for: Developers

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### Objectives:

- This course is designed to teach you how to:
  - Install and configure SDKs and IDE toolkits
  - Automate basic service operations using C# or Java
  - Use security models to manage access to AWS
  - Understand deployment models and usage with AWS
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### Prerequisites:

We recommend that attendees of this course have:

- Courses taken: AWS Technical Essentials (GK4501) or full understanding of the topics covered in that course
- Working knowledge of software development
- Familiarity with cloud computing concepts
- Basic familiarity with .NET (C#) or Java
- Prior experience with AWS is not required

### Testing and Certification

## Content:

This course will cover the following concepts on each day:

### 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

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## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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[www.globalknowledge.com/en-be/](http://www.globalknowledge.com/en-be/)