



**Virtuelt kursus**

**3 dage**

Nr. 87922 P

**DKK 17.499**

ekskl. moms

**Dato**

09-11-2020

**Sted**

Virtuelt kursus

## Virtual classroom: Developing on AWS

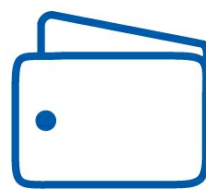
*Lær hvordan du benytter AWS SDK til at udvikle sikre og skalerbare cloud applikationer på AWS. Kurset giver dig dybtgående kendskab til, hvordan du anvender AWS ved brug af kode, de vigtigste begreber, best practise inden for området og tips til troubleshooting.*



Lær i dine egne  
omgivelser



Lær med kursister  
fra hele verden



Spar tid og udgifter  
på transport



Adgang til udvidet  
undervisningsmateriale

### Virtuelt kursus

Dette virtuelle kursus foregår på din egen computer live via GoToMeeting med en engelsktalende underviser. Under kurset har du mulighed for at stille spørgsmål, deltage i diskussioner, se whiteboard på din skærm og lave lab øvelser.

## Develop, deploy and maintain apps on AWS

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.

### Prerequisites

We recommend that attendees of this course have the following prerequisites:

- Familiarity with AWS services
- A working knowledge of Java, C#/.Net, or Python

### Target Audience

This course is intended for intermediate-level software developers.

### Content

This course teaches you how to:

- Set up the AWS SDK and developer credentials for Java, C#/.Net, Python, and JavaScript.
- Use the AWS SDK to interact with AWS services and develop solutions.
- Use Amazon Simple Storage Service (Amazon S3) and Amazon DynamoDB as data stores.
- Integrate applications and data by using Amazon Kinesis, AWS Lambda, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Workflow Service (Amazon SWF).
- Use AWS Identity and Access Management (IAM) for service authentication.
- Use Web Identity Framework and Amazon Cognito for user authentication.
- Use Amazon ElastiCache and Amazon CloudFront to improve application scalability.
- Deploy applications by using AWS Elastic Beanstalk and AWS CloudFormation.

The course content is distributed over 3 days as following:

#### Day 1: Building the Foundation

- Introduction to Developing on AWS
- Choosing a Data Store
- Developing Storage Solutions with Amazon S3
- Developing Flexible NoSQL Solutions with Amazon DynamoDB

#### Day 2: Connecting Application and Data with Event-Driven Processing

- Working with Events
- Developing Event-Driven Solutions with Amazon Kinesis Streams
- Developing Event-Driven Solutions with Amazon SWF, Amazon SQS, and Amazon SNS
- Developing Event-Driven Solutions with AWS Lambda

#### Day 3: Developing and Deploying Secure, Scalable Applications

- Developing Secure Applications
- Caching Information for Scalability
- Monitoring Your Application and AWS Resources with Amazon CloudWatch
- Deploying Applications with AWS Elastic Beanstalk and AWS CloudFormation

[Læs mere om vores virtuelle kurser og se svar på dine spørgsmål \(FAQ\).](#)

### Søgte du et andet virtuelt kursus?



Vi tilbyder virtuelle kurser inden for mange forskellige områder. Kontakt os på tlf. 72203000 eller [kurser@teknologisk.dk](mailto:kurser@teknologisk.dk), så vi kan hjælpe med at imødekomme dit behov.

## Har du faglige spørgsmål så kontakt



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