

AWS

 Duration: 3 Days

 Available Languages: English German

Audience

Developers who want to learn about AWS in order to develop cloud applications.

Goals

Learn AWS concepts and AWS services and how these fit into a cloud solution.

Contents

- Cloud Computing Overview
- AWS Overview
 - AWS Cloud Computing
 - Why AWS?
 - AWS Platform
 - Creating AWS Accounts
 - Evaluating Service Level Agreements
 - Console, Command Line Tools, and API
- AWS vs Google Cloud vs Microsoft Azure
- Overview of AWS Architecture
 - EC2
 - Amazon S3
 - EBS
 - Beanstalk
 - RDS
 - VPC
 - CloudFront
 - SimpleDB
 - SQS
 - CloudWatch
- Introduction to Developing on AWS
- Identity Access Management
- Choosing a Data Store
- Storage
 - S3 Basics
 - Create S3 Bucket
 - S3 Lifecycle Management and Glacier
 - S3 Security and Encryption
 - CloudFront CDN Overview
 - Developing Storage Solutions with Amazon S3

- EC2
 - EC2 Basics
 - Launching EC2 Instance
 - Security Groups Basics
 - EBS Volume Types
 - AWS ELB
 - AWS CLI and EC2
 - Cloud Watch EC2
 - Using IAM Roles with EC2
- Lambda and Serverless
- Working with Events
 - Developing Event Driven Solutions with AWS Lambda
 - How Lambda works?
 - Creating Lambda Functions
 - AWS CLI
 - Updating Lambda Functions with AWS CLI
 - Creating an API with API Gateway and AWS Lambda
 - Creating Data-Driven Apps with Lambda
- Databases
 - Databases on AWS
 - Creating Data-Driven Apps with DynamoDB
- Continuous Integration on AWS
- Continuous Deployment on AWS

Booking

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