

DEVELOPING ON AWS



Kategoria	Czas trwania	Termin	Cena
Cloud	24h / 3 dni	ustalamy indywidualnie	ustalamy indywidualnie

Program szkolenia:

Poniżej przedstawiamy przykładowy program szkolenia, który może zostać zmodyfikowany zgodnie z oczekiwaniami oraz poziomem grupy szkoleniowej. Przed przygotowaniem docelowego programu szkolenia, przeprowadzamy rozmowę techniczną, w której bierze udział trener oraz osoba techniczna lub cały zespół developerów reprezentujący klienta, w celu ustalenia szczegółów szkolenia.

Dzień 1 [8h]

Module 1: Introduction to AWS

- Introduction to the AWS Cloud
- Cloud scenarios
- Infrastructure overview
- Introduction to AWS foundation services

Module 2: Introduction to Developing on AWS

- Getting started with developing on AWS
- Introduction to developer tools
- Introduction to management tools

Module 3: Introduction to AWS Identity and Access Management

- Shared responsibility model
- Introduction to IAM
- Use authentication and authorization

Module 4: Introduction to the Lab Environment

- Introduction to the lab environment
- Lab 1: Getting started and working with IAM

Dzień 1 [8h] c.d.

Module 5: Developing Storage Solutions with Amazon Simple Storage Service

Overview of AWS storage options

- Amazon S3 key concepts
- Best practices
- Troubleshooting
- Scenario: Building a complete application
- Lab 2: Developing storage solutions with Amazon S3

Module 6: Developing Flexible NoSQL Solutions with Amazon DynamoDB

- Introduction to AWS database options
- Introduction to Amazon DynamoDB
- Developing with DynamoDB
- Best practices
- Troubleshooting
- Scenario: Building an end-to-end app
- Lab 3: Developing flexible NoSQL solutions with Amazon DynamoDB

Dzień 2 [8h]

Module 7: Developing Event-Driven Solutions with AWS Lambda

- What is serverless computing?
- Introduction to AWS Lambda
- Key concepts
- How Lambda works
- Use cases
- Best practices
- Scenario: Build an end-to-end app

Module 8: Developing Solutions with Amazon API Gateway

- Introduction to Amazon API Gateway
- Developing with API Gateway
- Best practices
- Introduction to AWS Serverless Application Model
- Scenario: Building an end-to-end app
- Lab 4: Developing event-driven solutions with AWS Lambda

Dzień 2 [8h] c.d.

Module 9: Developing Solutions with AWS Step Functions

- Understanding the need for Step Functions
- Introduction to AWS Step Functions
- Use cases

Module 10: Developing Solutions with Amazon Simple Queue Service and Amazon Simple Notification Service

- Why use a queueing service?
- Developing with Amazon Simple Queue Service
- Developing with Amazon Simple Notification Service
- Developing with Amazon MQ
- Lab 5: Developing messaging solutions with Amazon SQS and Amazon SNS

Dzień 3 [8h]

Module 11: Caching Information with Amazon ElastiCache

- Caching overview
- Caching with Amazon ElastiCache
- Caching strategies

Module 12: Developing Secure Applications

- Securing your applications
- Authenticating your applications to AWS
- Authenticating your customers
- Scenario: Building an end-to-end app

Module 13: Deploying Applications

- Introduction to DevOps
- Introduction to deployment and testing strategies
- Deploying applications with AWS Elastic Beanstalk
- Scenario: Building an end-to-end app
- Lab 6: Building an end-to-end app

Module 14: Course wrap-up

- Course overview
- AWS training courses
- Certifications
- Course feedback

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Skontaktuj się z Przemkiem!



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