Training: AWS
AWS Security Essentials

TRAINING GOALS:

AWS Security Essentials covers fundamental AWS cloud security concepts, including AWS access control, data encryption methods, and how network access to your AWS infrastructure can be secured. Based on the AWS Shared Security Model, you learn where you are responsible for implementing security in the AWS Cloud and what security-oriented services are available to you and why and how the security services can help meet the security needs of your organization.

This course enables you to dive deep, ask questions, work through solutions, and get feedback from AWS-accredited instructors with deep technical knowledge. This is a fundamental level course and is a part of the AWS Security learning path.

Course objectives

In this course, you will:

- Identify security benefits and responsibilities when using the AWS Cloud
- Describe the access control and management features of AWS
- Understand the different data encryption methods to secure sensitive data
- Describe how to secure network access to your AWS resources
- Determine which AWS services can be used for security logging and monitoring

Intended audience

This course is intended for:

- IT business-level professionals interested in cloud security practices
- Security professionals with minimal working knowledge of AWS

CONSPECT:

- Module 1: Security on AWS
  - Security design principles in the AWS Cloud
  - AWS Shared Responsibility Model
- Module 2: Security OF the Cloud
  - AWS Global Infrastructure

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70

BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007

- Data Center Security
- Compliance and Governance

- Module 3: Security IN the Cloud – Part 1
  - Identity and Access Management
  - Data Protection
  - Lab 01 – Introduction to Security Policies
- Module 4: Security IN the Cloud – Part 2
  - Securing your infrastructure
  - Monitoring and detective controls
  - Lab 02 – Securing VPC Resources with Security Groups
- Module 5: Security IN the Cloud – Part 3
  - DDoS mitigation
  - Incident response essentials
  - Lab 03 – Automating Incident Response with AWS Config and AWS Lambda
- Module 6: Course Wrap Up
  - AWS Well-Architected tool overview

REQUIREMENTS:

We recommend that attendees of this course have:

- Working knowledge of IT security practices and infrastructure concepts, familiarity with cloud computing concepts

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by AWS (course completion).

TRAINER:

AWS Authorized Instructor (AAI)

Compendium Centrum Edukacyjne Spółka z o.o.
ul. Tatarska 5, 30-103 Kraków, tel.: (12) 298 47 77
ul. Postępu 18B, 02-676 Warszawa, tel.: (22) 417 41 70

BNP Paribas Bank Polska S.A.
EUR: PL 79 1600 1462 1853 6451 3000 0006
USD: PL 52 1600 1462 1853 6451 3000 0007