



# AWS Security Essentials (SEC-ESS)

**ID SEC-ESS** **Price 760.75 €** (excl. tax) **Duration 1 day**

## Course Overview

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, this course teaches where in the AWS Cloud you are responsible for implementing security. You'll also learn what security-oriented services are available to you, as well as why and how the security services can help meet the security needs of your organization.

## Who should attend

This course is intended for:

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

## This course is part of the following Certifications

AWS Certified Security – Specialty (ACSS)

## Prerequisites

What experience you'll need:

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

## Course Objectives

This course is designed to teach you how to:

- Identify security benefits and responsibilities of using the AWS Cloud.
- Describe the access control and management features of AWS.
- Explain the available methods for encrypting data at rest and in transit.

- Describe how to secure network access to your AWS resources.
- Determine which AWS services can be used for monitoring and incident response.

## Detailed Course Outline

### Module 1: Exploring the Security Pillar

- AWS Well-Architected Framework: Security Pillar

### Module 2: Security of the Cloud

- Shared responsibility model
- AWS Global Infrastructure
- Compliance and Governance

### Module 3: Identity and Access Management

- Identity and Access Management
- Data access and protection essentials
- Lab 1 – Introduction to Security Policies

### Module 4: Protecting Infrastructure and Data

- Protecting your network infrastructure
- Edge Security
- DDoS mitigation
- Protecting compute resources
- Lab 2 – Securing VPC Resources with Security Groups

### Module 5: Detection and Response

- Monitoring and detective controls
- Incident response essentials

### Module 6: Course Wrap Up

- Course review

# About Fast Lane



Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

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