

## AWS Cloud Security Administration (AWS-CDS)

**ID** AWS-CDS **Price** 1,900.— €(excl. tax) **Duration** 2 days

This training is provided by our partner Fortinet.

### Important notes for the booking of trainings directly provided by Fortinet

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### Course Overview

In this course, you will learn about the different components that make up the Amazon Web Services (AWS) infrastructure and the security challenges these environments present, including high availability (HA), load balancing, and software-defined networking (SDN) connectors, and how to manage traffic in the cloud with Fortinet products.

This course is intended to help you prepare for the FCP - AWS Cloud Security 7.4 Administrator certification exam. This exam is part of the Fortinet Certified Professional - Public Cloud Security certification track.

### Who should attend

Anyone who is responsible for the deployment or day-to-day management of Fortinet solutions on AWS should attend this course.

### Prerequisites

General knowledge of IaaS vendors and experience with FortiGate VMs.

### AWS Prerequisite

No prerequisites required. AWS accounts are provided at the start of the course.

### Course Objectives

After completing this course, you will be able to:

- Understand the concept of the public cloud
- Know the various AWS public cloud service terms
- Identify threats and challenges in the public cloud
- Secure the AWS cloud
- Understand various public cloud deployments
- Describe Fortinet licensing models
- Be familiar with Github
- Describe AWS service components
- Identify AWS core networking components
- Identify AWS security components
- Describe AWS network firewall limitations
- Understand traffic flow in a virtual network
- Understand layer 2 traffic flow
- Understand routing and restrictions
- Identify Fortinet products on AWS Marketplace
- Understand Fortinet deployments in AWS
- Understand Fortinet offerings for web application firewall (WAF) in AWS
- Describe FortiWeb Cloud
- Understand different HA architectures in AWS
- Identify FortiGate native active-passive HA
- Understand FortiGate active-passive HA across two AZs
- Be familiar with AWS CloudFormation
- Identify different types of load balancers
- Understand FortiGate active-active HA with AWS ELB
- Understand GWLB
- Understand FortiGate CNF
- Identify the differences between FortiGate CNF and FortiGate VMs

### Detailed Course Outline

1. Introduction to the Public Cloud
2. AWS Concepts
3. Fortinet Products and Deployments for AWS
4. High Availability in AWS
5. Load Balancers in AWS



# 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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