FortiGate Infrastructure (FORT-SECII)

This training is provided by our partner Fortinet.

Important notes for the booking of trainings directly provided by Fortinet

If you are unable to attend the training date you have booked (e.g. illness, etc.) or if Fortinet cancels the course, a credit note is not possible under any circumstances. In both cases of cancellation, the validity of your credit remains for 12 months after the order.

For more information, please refer to the **Fortinet Terms and Conditions**.

Who should attend

Networking and security professionals involved in the design, implementation, and administration of a security infrastructure using FortiGate appliances.

Prerequisites

- Knowledge of OSI layers
- Good knowledge of firewalling concepts in an IPv4 network
- Familiarity with all topics presented in the prerequisite FortiGate I course
- System Requirements

If you take the online version of this class, you must have a computer with:

- A high-speed Internet connection
- An up-to-date web browser
- Speakers or headphones
- A PDF viewer to view online class materials
- (Additionally for the labs) a Java runtime environment (JRE) or HTML 5 supported web browser

Course Objectives

After completing these courses, you will be able to:

- Deploy FortiGate devices as an HA cluster for fault-tolerance & high performance
- Inspect traffic transparently, forwarding as a Layer 2 device
- Manage FortiGate device's route table
- Route packets using policy-based and static routes for multi-path and load-balance deployments
- Connect virtual domains (VDOMs) without packets leaving FortiGate
- Implement a meshed / partially redundant VPN
- Diagnose failed IKE exchanges
- Fight hacking & denial of service (DoS)
- Diagnose IPS engine performance issues
- Offer Fortinet Single Sign On (FSSO) access to network services, integrated with Microsoft Active Directory
- Inspect SSL/TLS-secured traffic to prevent encryption used to bypass security policies
- Understand encryption functions and certificates
- Defend against data leaks by identifying files with sensitive data, and blocking them from leaving your private network
- Diagnose and correct common problems
- Optimize performance by configuring to leverage ASIC acceleration chips, such as CP or NPs, instead of only the CPU resources
- Implement IPv6 and hybrid IPv4-IPv6 networks

Course Content

In this 3-day instructor-led classroom or online class, which follows FortiGate I, you will learn a selection of advanced FortiGate networking and security features. Topics include features commonly used in complex or larger enterprise/MSSP networks, such as advanced routing, transparent mode, redundant infrastructure, security-as-a-service (SaaS), advanced IPsec VPN, IPS, SSO, certificates, data leak prevention, diagnostics, and fine-tuning performance.

About Fast Lane

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