Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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FORTINET FortiGate Infrastructure

CODE: **LENGTH:**   **PRICE:**

FNT_FTG-II   16 Hours (2 days)   €1,650.00

Description

*FortiGate Infrastructure (Fortigate II)*In this two-day course, you will learn how to use advanced FortiGate networking and security. Topics include features commonly applied in complex or larger enterprise or MSSP networks, such as advanced routing, transparent mode, redundant infrastructure, site-to-site IPsec VPN, single sign-on (SSO), web proxy, and diagnostics.
Formats
 Instructor-led classroom
 Instructor-led online
 Self-paced online

Objectives

After completing this course, you should be able to:

- Analyze a FortiGate route table
- Route packets using policy-based and static routes for multipath and load -balanced deployments
- Configure SD-WAN to load balance traffic between multiple WAN links effectively
- Inspect traffic transparently, forwarding as a Layer 2 device
- Divide FortiGate into two or more virtual devices, each operating as an independent FortiGate, by configuring virtual domains (VDOMs)
- Establish an IPsec VPN tunnel between two FortiGate devices
- Implement a meshed or partially redundant VPN
- Diagnose failed IKE exchanges
- Offer Fortinet Single Sign-On (FSSO) access to network services, integrated with Microsoft Active Directory (AD)
- Deploy FortiGate devices as an HA cluster for fault tolerance and high performance
- Deploy implicit and explicit proxy with firewall policies, authentication, and caching
- Diagnose and correct common problems

Audience

Networking and security professionals involved in the design, implementation, and administration of a network infrastructure using FortiGate appliances should attend this course.
This course assumes knowledge of basic FortiGate fundamentals. Participants should have a thorough understanding of all the topics covered in the *FortiGate Security* course before attending the *FortiGate Infrastructure* course.

Prerequisites

- Knowledge of OSI layers
- Knowledge of firewall concepts in an IPv4 network
- Knowledge of the fundamentals of FortiGate, as presented in the FortiGate Security course

Programme

1. Routing
2. Software-Defined WAN (SD-WAN)
3. Layer 2 Switching
4. Virtual Domains
5. Site-to-Site IPsec VPN
6. Fortinet Single Sign-On (FSSO)
7. High Availability (HA)
8. Web Proxy
9. Diagnostics

Test and Certification

| FNT_NSE4-EX | NSE4 - Single Pearson VUE Exam Voucher : NSE 4, NSE 7, or NSE 8 written exam |

Options

Certification
This is part of the courses that prepare you for the NSE 4 certification exam.
When preparing for your exam it's also wise to download and check the Fortinet Cookbook.

Further Information

System Requirements If you take the online format of this class, you must use a computer that has the following:

- A high-speed Internet connection
- An up-to-date web browser
- A PDF viewer
- Speakers or headphones
- If possible a second screen or device to be able to read your e-book en practice the remote labs at the same time.

One of the following:

- HTML5 support
- An up-to-date Java Runtime Environment (JRE) with Java plugin enabled in your web browser

You should use a wired Ethernet connection, not a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must allow connections to the online labs.

Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
30 May 2024	Arrow ECS Houten	CEDT	Dutch	Classroom	Yes	€1,650.00
30 May 2024	Virtual Classroom (CET / UTC+1)	CEDT	Dutch	Classroom		€1,650.00

Additional Information

This training is also available as onsite training. Please contact us to find out more.