

Training: Fortinet NSE4 - FortiGate II Infrastructure



TRAINING TERMS

2021-10-21 | 2 days | Virtual Classroom
2021-10-21 | 2 days | Warszawa
2021-11-18 | 2 days | Kraków
2021-11-18 | 2 days | Virtual Classroom
2021-12-16 | 2 days | Virtual Classroom
2021-12-16 | 2 days | Warszawa

TRAINING GOALS:

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, virtual firewalls – VDOMs, transparent mode, redundant infrastructure, dial-up and site-to-site IPsec VPN, SSO, web proxy, and diagnostics.

After completing this course, you should be able to:

- Analyze a FortiGate's routing table.
- Route packets using policy-based and static routes for multi-path 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 appliances.
- Compare policy-based to route-based IPsec VPN.
- 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.
- 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.

Who Should Attend:

- Networking and security professionals involved in the design, implementation, and administration of a network infrastructure using FortiGate appliances.
- This course assumes knowledge of basic FortiGate fundamentals. Participants should have a thorough understanding of all the topics covered in the NSE4 - FortiGate I Security course before attending the NSE4 - FortiGate II Infrastructure course.

CONSPECT:

- Routing
- Software-Defined WAN (SD-WAN)
- Virtual Domains
- Layer 2 Switching
- IPsec VPN
- Fortinet Single Sign-On (FSSO)
- High Availability (HA)
- Web Proxy
- Diagnostics

REQUIREMENTS:

- Knowledge of OSI layers
- Knowledge of firewall concepts in an IPv4 network
- Knowledge of the fundamentals of FortiGate, as presented in the NSE4 - FortiGate I Security course.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Fortinet.

This course and the NSE4 - FortiGate I Security course are intended to help participants prepare for the NSE4 certification exam. NSE4 Certification exams are offered at Pearson Vue test centers worldwide. More information about NSE4 certification on the

<https://www.fortinet.com/support-and-training/training/network-security-expert-program/nse-4.html>

TRAINER:

Fortinet Certified Trainer (FCT).