Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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NSE 4 - FortiGate Administrator

CODE:	LENGTH:	PRICE:
FNT_FT-FGT-ADM	40 Hours (5 days)	€2,495.00

Description

In this course, you will learn how to use the most common FortiGate features. In interactive labs, you will explore firewall policies, user authentication, high availability, SSL VPN, site-to-site IPsec VPN, Fortinet Security Fabric, and how to protect your network using security profiles, such as IPS, antivirus, web filtering, application control, and more. These administration fundamentals will provide you with a solid understanding of how to implement the most common FortiGate features.

Product Version FortiOS 7.6.0

Objectives

After completing this course, you will be able to:

- Configure FortiGate basic networking from factory default settings
- Configure and control administrator access to FortiGate
- Use the GUI and CLI for administration
- Control network access to configured networks using firewall policies
- Apply port forwarding, source NAT, and destination NAT
- Analyze a FortiGate route table
- Configure static routing
- Route packets using static routes for multi-path and loadbalanced deployments
- Authenticate users using LDAP and RADIUS
- Monitor firewall users from the FortiGate GUI
- Offer Fortinet Single Sign-On (FSSO) access to network services, integrated with Microsoft Active Directory (AD)
- Understand encryption functions and certificates
- Inspect SSL/TLS-secured traffic to prevent encryption used to bypass security policies
- Configure security profiles to neutralize threats and misuse, including viruses, torrents, and inappropriate websites
- Apply application control techniques to monitor and control network applications that might use standard or non-standard protocols and ports
- Offer an SSL VPN for secure access to your private network
- Establish an IPsec VPN tunnel between two FortiGate devices
- Configure SD-WAN and verify traffic distribution
- Identify the characteristics of the Fortinet Security Fabric
- Deploy FortiGate devices as an HA cluster for fault tolerance and high performance

Diagnose and correct common problems

Audience

Networking and security professionals involved in the management, configuration, administration, and monitoring of FortiGate devices used to secure their organizations' networks should attend this course. You should have a thorough understanding of all the topics covered in the FortiGate Operator course before attending the FortiGate Administrator course.

Prerequisites

- Knowledge of network protocols
- Basic understanding of firewall concepts

Programme

1. System and Network Settings
2. Firewall Policies and NAT
3. Routing
4. Firewall Authentication
5. Fortinet Single Sign-On (FSSO)
6. Certificate Operations
7. Antivirus
8. Web Filtering
9. Intrusion Prevention and Application Control
10. SSL VPN
11. IPsec VPN
12. SD-WAN Configuration and Monitoring
13. Security Fabric
14. High Availability
15. Diagnostics and Troubleshooting

Test and Certification

Test and Certification
This course is intended to help you prepare for the FCP - FortiGate 7.6 Administrator exam. This exam is part of the following certification tracks:
Fortinet Certified Professional - Network Security
Fortinet Certified Professional - Public Cloud Security
Fortinet Certified Professional - Security Operations
CISSP domains: Security Operations

Session Dates

On request. Please contact us

Additional Information

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