FortiGate Administrator

Category: Networking & Security | **Vendor:** Fortinet

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

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.

This course is intended to help you prepare for the Fortinet NSE 4 - FortiOS Administrator exam. This exam is part of the following certification tracks: FCP Secure Networking, FCP SASE, FCP Cloud Security, and FCP Security Operations.

About This Course

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.

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Who Should Attend

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.

Prerequisites & Entry Requirements

General Prerequisites:

- Knowledge of network protocols
- Basic understanding of firewall concepts
- You should have a thorough understanding of all the topics covered in the FortiGate Operator course before attending the FortiGate Administrator course.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

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
- Route packets using policy-based and static routes for multi-path and load-balanced deployments
- Authenticate users using firewall policies
- 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 static routing
- Configure SD-WAN underlay, overlay, and, local breakout
- 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

Detailed Course Outline

- 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

Skills You Will Learn:

After completing this course, you will be able to:

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- Configure and control administrator access to FortiGate
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Frequently Asked Questions

Q: What delivery options are available for FortiGate Administrator?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 4-day FortiGate Administrator course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the FortiGate Administrator training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for FortiGate Administrator?

Yes, we provide corporate training, dedicated training, and closed classes for FortiGate Administrator. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: FortiGate Administrator, FCP- Network Security - Core Courses, FGT-ADM

Q: Why choose Nexus Human for FortiGate Administrator?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your FortiGate Administrator training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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