

# Enterprise Firewall Administrator

***In this course, you will learn how to implement and centrally manage an enterprise security infrastructure composed of multiple FortiGate devices.***

## Product Version

- FortiGate 7.4.3
- FortiManager 7.4.3
- FortiAnalyzer 7.4.3

## Course Duration

- Lecture time (estimated): 9 hours
- Lab time (estimated): 10 hours
- Total course duration (estimated): 19 hours
  - 3 full days or 5 half days

## Who Should Attend

Networking and security professionals involved in the design and administration of an enterprise security infrastructure using FortiGate devices should attend this course.

You should have an advanced knowledge of networking, and extensive hands-on experience working with FortiGate, FortiManager, and FortiAnalyzer.

## Certification

This course is intended to help you prepare for the FCSS - *Enterprise Firewall 7.4 Administrator* certification exam. This exam is part of the Fortinet Certified Solution Specialist - Network Security certification track.

## Prerequisites

You must have an understanding of the topics covered in *FCP - FortiGate Administrator* (or have equivalent experience).

It is also recommended that you have an understanding of the topics covered in the following courses, or have equivalent experience:

- *FCP - FortiManager Administrator*
- *FCP - FortiAnalyzer Administrator*

## Agenda

1. Introduction to Network Security Architecture
2. Central Management
3. VLANs and VDOMs
4. High Availability
5. Dynamic Routing Protocols
6. Security Profiles
7. IPsec
8. Auto-Discovery VPN
9. Security Fabric
10. Hardware Acceleration on FortiGate

## Objectives

After completing this course, you should be able to:

- Centralize the management and monitoring of network security devices
- Implement a high availability solution on FortiGate
- Combine OSPF and BGP to route enterprise traffic
- Harden enterprise services
- Simultaneously deploy IPsec tunnels to multiple sites using the FortiManager IPsec templates
- Configure ADVPN to enable on-demand VPN tunnels between sites
- Integrate FortiManager, FortiAnalyzer, and multiple devices using the Fortinet Security Fabric
- Optimize FortiGate resources

## Training Delivery Options and SKUs

### Instructor-Led Training

Includes standard NSE training content delivered in person onsite, or live online using a virtual classroom application. Training is delivered within [public classes](#) or as a private class. Private requests are scoped, quoted, developed, and delivered by Fortinet Training (minimum quantities apply).

Use the following ILT Training SKU to purchase scheduled public classes of this course through [Fortinet Resellers](#) or [Authorized Training Partners](#):

FT-EFW

### Self-Paced Training

Includes online training videos and resources through the [Fortinet Training Institute](#) library, free of charge.

You can purchase on-demand lab access with interactive, hands-on activities using the following methods:

- Credit card, through the course on the Fortinet Training Institute
- Purchase order (PO), through [Fortinet Resellers](#) or [Authorized Training Partners](#)

After you complete the purchase, you receive lab access and the accompanying lab guide within the self-paced course.

Use the following on-demand lab training SKU to purchase lab access using a PO:

FT-EFW-LAB

See [Purchasing Process](#) for more information about purchasing Fortinet training products.

## ISC2

- CPE training hours: 9
- CPE lab hours: 10
- CISSP domains: Security Operations

## Program Policies and FAQs

For questions about courses, certification, or training products, refer to [Program Policy Guidelines](#) or [Frequently Asked Questions](#).

