

# Fortinet Training: FortiGate III

(EDU-NSE7)

3 days (21 hours)

## Presentation

FortiGate is a core element of the security fabric, and validated security protects the corporate network against known and unknown attacks. We will be presenting the latest version of the tool: [FortiGate 7.6](#).

## Objectives

- Integrate FortiManager, FortiAnalyzer, and multiple FortiGates as part of Fortinet's Security Fabric
- Centralize management and analysis of network security events
- Optimizing the use of FortiGates resources
- Diagnose and monitor user traffic using FortiGate's start-up tools
- Diagnose problems with Conserve mode, high CPU usage, firewall rules, session helpers, IPsec, FortiGuard, content inspection, routing and high availability.
- Strengthening corporate services
- Simultaneously deploy IPsec tunnels on multiple sites via the FortiManager VPN console
- Configure ADVPN to enable on-demand tunnels between different sites
- Combining OSPF and BGP to route corporate traffic

## Target audience

Network security professionals involved in the design, administration and maintenance of an enterprise infrastructure protected by FortiGates. This course is aimed at those with in-depth knowledge of network security, and experience of operating FortiGates, FortiAnalyzer, and FortiManager.

## Prerequisites

- FortiGate I and FortiGate II
- FortiAnalyzer
- FortiManager

## Program

1. Enterprise Firewall  
2. FortiOS Architecture  
3. System Troubleshooting  
4. Traffic and Session Monitoring  
5. Routing  
6. FortiGuard  
7. Central Management  
8. OSPF  
9. Web Filtering  
10. IPS  
11. BGP  
12. IPSEC  
13. ADVPN

## Certification

The FortiGate III course prepares you for NSE7 certification.

## Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

## Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

## Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

## Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

## Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

## Sanction

A certificate will be issued to each trainee who completes the course.