

Course Outline

FortiGate Security 7.2 Course FGS: 3 days Instructor Led

All Fortinet courses are delivered by a Fortinet Authorized Learning Partner

About this course

In this three-day course, you will learn how to use the most common FortiGate features, including security profiles. In interactive labs, you will explore firewall policies, the Fortinet Security Fabric, user authentication, 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 basic network security. Product Version FortiOS 7.2

Audience profile

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 Security course before attending the FortiGate Infrastructure course.

At course completion

After completing this course, students will be able to:

- Deploy the appropriate operation mode for your network
- Use the GUI and CLI for administration
- Control network access to configured networks using firewall policies
- Apply port forwarding, source NAT, and destination NAT
- Authenticate users using firewall policies
- 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
- Fight hacking and denial of service (DoS)
- Collect and interpret log entries
- Identify the characteristics of the Fortinet Security Fabric

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1. Introduction and Initial Configuration
2. Firewall Policies
3. Network Address Translation
4. Firewall Authentication
5. Logging and Monitoring
6. Certificate Operations
7. Web Filtering
8. Application Control
9. Antivirus
10. Intrusion Prevention and Denial of Service

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11. Security Fabric