

Training: Fortinet Network Security Support Engineer



TRAINING TERMS

2025-05-26 | 3 days | Virtual Classroom
2025-07-07 | 3 days | Kraków / Virtual Classroom
2025-10-06 | 3 days | Warszawa / Virtual Classroom
2025-12-10 | 3 days | Kraków / Virtual Classroom

TRAINING GOALS:

In this course, you will learn how to diagnose and troubleshoot the most common networking and security problems in a FortiGate network security solution.

Objectives

After completing this course, you will be able to:

- Set up a baseline for FortiGate and analyze the first steps to diagnose a FortiGate
- Monitor process activity, diagnose conserve mode, and troubleshoot unexpected reboots and frozen devices
- Analyze information in the session table and debug flow output
- Troubleshoot session helper
- Troubleshoot common problems related to local, LDAP, and RADIUS authentication
- Troubleshoot common FSSO problems
- Troubleshoot FortiGuard and web filtering problems
- Monitor an HA cluster and troubleshoot common HA problems
- Troubleshoot and diagnose IPsec VPNs with debug and sniffer commands
- Troubleshoot routing problems with debug commands
- Monitor OSPF status and troubleshoot common OSPF problems with debug commands
- Monitor and verify the BGP status with commands and troubleshoot common BGP issues

Who Should Attend

Networking and security professionals involved in diagnosing, troubleshooting, and supporting an enterprise security infrastructure using FortiGate devices should attend this course.

This course assumes advanced knowledge of networking, and extensive hands-on experience working with FortiGate.

CONSPECT:

- Troubleshooting Concepts
- System Resources
- Sessions, Traffic Flow, and Networking
- Security Fabric
- Firewall Authentication
- FSSO
- Security Profiles
- High Availability
- IPsec
- IPsec-IKEv2
- BGP
- OSPF

REQUIREMENTS:

- Knowledge of network protocols
- Basic understanding of firewall concepts

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Fortinet.

This course is intended also to help you prepare for the FCSS – Network Security Support Engineer exam. This exam is part of the following certification tracks:

- Fortinet Certified Solution Specialist - Network Security

Network Security Support Engineer certification exam is a one of the possible steps required to gain the Fortinet Certified Solution Specialist (FCSS) title. Fortinet certification exams are offered at Pearson Vue test centers worldwide. More information about Fortinet Certification Program on the <https://www.fortinet.com/training-certification>

TRAINER:

Fortinet Certified Trainer (FCT)

ADDITIONAL INFORMATION:

ISC2

- CPE training hours: 9
- CPE lab hours: 8
- CISSP domains: Security Operations