



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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# **FCSS - Network Security Support Engineer**

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
FNT_FT-NST	24 Hours (3 days)	£2,595.00

## **Description**

In this course, you will learn how to diagnose and troubleshoot the most common networking and security problems in a Fortinet protected network security solution. In interactive break-and-fix labs, you will use tools, diagnostics, and debug commands to detect, isolate, and resolve problems related to the most commonly used FortiGate features, such as IPsec, routing, web filtering, HA, IPS, and more. These skills and this knowledge will give you an advanced understanding of how to support a network security solution based on FortiGate devices.

## **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 helpers
- 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

## **Audience**

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.

## **Prerequisites**

You must have an understanding of the topics covered in the NSE 4 FortiGate Security and NSE 4 FortiGate Infrastructure courses, or have equivalent experience. It is also recommended that you have an understanding of the topics covered in the NSE 7 Enterprise Firewall course

## **Programme**

1. Troubleshooting Concepts 2. System Resources 3. Sessions, Traffic Flow, and Networking 4. Security Fabric 5. Firewall Authentication 6. FSSO 7. Security Profiles 8. High Availability 9. IPsec 10. IPsec—IKEv2 11. Routing 12. BGP 13. OSPF

## **Further Information**

This course is intended to help you prepare for the NSE 7 Network Security Support Engineer certification exam.

## **Session Dates**

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
13 Oct 2025	Virtual Training Class - TP	BST	English	Instructor Led Online		£2,595.00

**Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)