OT Security

In this course, you will learn how to secure your OT infrastructure using Fortinet solutions.

You will learn how to design, deploy, administrate, and monitor FortiGate, FortiNAC, FortiAnalyzer, and FortiSIEM devices to secure OT infrastructures. These skills will provide you with a solid understanding of how to design, implement, and operate an OT security solution based on Fortinet products.

Product Version

- FortiOS 7.2.0
- FortiAnalyzer 7.2.0
- FortiSIEM 6.5.0

Course Duration

- Lecture time (estimated): 6 hours
- Lab time (estimated): 11 hours
- Total course duration (estimated): 17 hours
    - 3 full days or 4 half days

Who Should Attend

Networking and security professionals involved in the design, implementation, and administration of an OT infrastructure using Fortinet devices should attend this course.

Certification

This course is intended to help you prepare for the *Fortinet NSE 7 - OT Security 7.2* certification exam. This exam is in the Fortinet Certified Solution Specialist - OT Security certification track.

Prerequisites

You must have an understanding of the topics covered in the following courses, or have equivalent experience:

- *FCP - FortiGate Security*
- *FCP - FortiGate Infrastructure*

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

- *FCP - FortiSIEM*
- *FCP - FortiAnalyzer*

Agenda

1. Introduction
2. Asset Management
3. Access Control
4. Segmentation
5. Protection
6. Logging and Monitoring
7. Risk Assessment

Objectives

After completing this course, you will be able to:

- Understand the fundamentals of an OT infrastructure
- Secure an OT infrastructure using the Purdue model
- Use FortiGate and FortiNAC to identify and manage devices
- Implement segmentation and microsegmentation in an OT network
- Authenticate users
- Secure your OT network traffic using FortiGate
- Use FortiAnalyzer for logging and reporting
- Use FortiSIEM to centralize security information and event management
- Generate real-time analysis of security events using FortiSIEM

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-OTS

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 a 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-OTS-LAB

See Purchasing Process for more information about purchasing Fortinet training products.

(ISC)^2

- CPE training hours: 6
- CPE lab hours: 11
- 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.