



## OT Security

In this three-day 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 Versions

- FortiOS 6.4.3
- FortiAnalyzer 6.4.3
- FortiSIEM 5.3.1

### Formats

- Instructor-led
- Instructor-led online
- Self-paced online

### 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 should 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 a FortiGate device
- Use FortiAnalyzer for logging and reporting
- Use FortiSIEM to centralize security information and event management
- Generate real-time analysis of security events using FortiSIEM

### 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.

## Prerequisites

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

- NSE 4 FortiGate Security
- NSE 4 FortiGate Infrastructure

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

- NSE 5 FortiSIEM
- NSE 5 FortiAnalyzer

## System Requirements

If you take the online format of this class, you must use a computer that has the following:

- A high-speed internet connection
- An up-to-date web browser
- A PDF viewer
- Speakers or headphones
- One of the following:
  - HTML5 support
  - An up-to-date Java Runtime Environment (JRE) with Java Plugin enabled on your web browser

You should use a wired Ethernet connection, *not* a Wi-Fi connection. Firewalls, including Windows Firewall or FortiClient, must allow connection to the online labs.

## Certification

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