Course Description

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:

3 days

Certification:

This course is intended to help you prepare for the Fortinet NSE 6 - OT Security exam. This exam is in the FCSS Secure Networking certification track.

Prerequisites:

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

- FortiGate Security
- FortiGate Infrastructure

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

- FortiSIEM
- FortiAnalyzer

Outlines:

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

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.