Secure Wireless LAN Administrator

In this course, you will learn how to deploy, configure, and troubleshoot secure wireless LAN using an integrated wireless solution. Using interactive labs, you will enforce your knowledge of deploying a secure wireless LAN centrally managed from the FortiGate wireless controller.

Product Version

- FortiOS 7.4
- FortiAP 7.4
- FortiPresence 2.0

Course Duration

- Lecture time (estimated): 7 hours
- Lab time (estimated): 4 hours
- Total course duration (estimated): 11 hours
  - 2 full days or 3 half days

Who Should Attend

This course is intended for networking and security professionals involved in the management, configuration, administration, and monitoring of the Fortinet integrated and/or cloud wireless solution.

Certification

This course is intended to help you prepare for the FCP - *Secure Wireless LAN 7.4 Administrator* certification exam. This exam is part of the Fortinet Certified Professional - Network Security certification track.

Prerequisites

- Understanding of basic wireless networks
  - Review the supplementary *Wireless Network Fundamentals* lesson
- Understanding of the topics covered in the FCP - *FCP - FortiGate Administrator* course
- Understanding of the topics covered in the FCP - *FortiAuthenticator Administrator* course is also recommended

Agenda

1. Managed FortiAP
2. Wireless Security
3. Wireless Network Access
4. FortiAP Profiles
5. Rogue APs and FortiPresence
6. Advanced Options and Monitoring
7. Troubleshooting

Objectives

After completing this course, you should be able to:

- Understand the wireless controller
- Provision FortiAP on FortiLAN Cloud
- Learn about different SSID traffic modes
- Deploy multiple wireless SSIDs
- Offer secure wireless access with 802.1X authentication
- Deploy wireless security with WPA3
- Deploy wireless networks with VLANs
- Understand FortiOS integrated wireless NAC
- Thwart hotspot hackers and rogue APs
- Explore FortiPresence location services
- Understand fast roaming and wireless client load balancing
- Explore the FortiAP REST API
- Troubleshoot wireless LAN issues
- Explore the FortiAIOps solution

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-FWF

Self-Paced Training

Includes online training videos and resources through the Fortinet Training Institute library, free of charge.

ISC2

- CPE training hours: 7
- CPE lab hours: 4
- CISSP domains: Communication and Network Security

Program Policies and FAQs

For questions about courses, certification, or training products, refer to Program Policy Guidelines or Frequently Asked Questions.