

# Secure Wireless LAN Administrator

## Course Description

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:

2 days

## Certification:

This course is intended to help you prepare for the Fortinet NSE 5 - Secure Wireless LAN Administrator exam. This exam is part of the FCP Secure Networking certification track.

## Prerequisites:

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

## Outlines:

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 will be able to:

- Understand the wireless controller
- Provision FortiAP on FortiLAN Cloud
- Learn about different SSIDs traffic modes
- Deploy multiple wireless SSIDs
- Offer secure wireless access with 802.1X authentication
- Deploy wireless networks 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

## 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.