

## Exam Description

# Secure Wireless LAN

## Certification

This exam is part of the Fortinet Certified Professional - Network Security certification track. This certification validates your ability to secure networks and applications by deploying, managing, and monitoring Fortinet network security products.

Visit the [Cybersecurity Certification](#) page for information about certification requirements.

## Exam

The *Fortinet NSE 6 - Secure Wireless LAN 6.4* exam evaluates your knowledge of, and expertise with, the FortiGate integrated and cloud wireless controller.

The exam tests applied knowledge of the FortiGate integrated wireless controller configuration, operation, and day-to-day administration, and includes operational scenarios, configuration extracts, and troubleshooting captures. This exam also tests knowledge of FortiPlanner and FortiPresence products.

Once you pass the exam, you will receive the following exam badge:



## Audience

The *Fortinet NSE 6 - Secure Wireless LAN 6.4* exam is intended for network and security professionals responsible for the configuration and administration of wireless solutions in an enterprise network security infrastructure.

## Exam Details

Exam name	Fortinet NSE 6 - Secure Wireless LAN 6.4
Exam series	NSE6_FWF-6.4
Time allowed	60 minutes
Exam questions	30 multiple-choice questions
Scoring	Pass or fail. A score report is available from your Pearson VUE account
Language	English
Product version	FortiOS 6.4.1, FortiAP 6.4.2, FortiAP Cloud 20.3, FortiPlanner 2.6, and FortiPresence 20.4

## Exam Topics

Successful candidates have applied knowledge and skills in the following areas and tasks:

- Network planning and deployment
  - Use FortiPlanner as a predictive model tool to plan a wireless network
  - Configure and use the FortiPresence analytics solution
  - Configure FortiGate as a wireless controller
  - Provision and manage FortiAP devices using the FortiGate integrated wireless controller
  - Deploy FortiAP devices using FortiAP Cloud
  - Configure wireless networks using the FortiGate integrated wireless controller
- Advanced wireless configuration
  - Use FortiAP profiles to deploy advanced wireless settings to managed FortiAP devices
  - Configure FortiAP and client load balancing
  - Provision guest accounts for wireless networks using the FortiGate guest management feature
  - Configure advanced bridge mode options
  - Configure VLANs on SSIDs
  - Use VLAN load-balancing features
- Wireless security
  - Use various scanning methods to scan the environment for rogue APs
  - Monitor and suppress rogue APs
  - Configure and use WIDS profiles
  - Use available wireless security options
- Troubleshooting wireless networks
  - Gather important wireless network information
  - Investigate client connection issues
  - Investigate RF-based environment issues
  - Troubleshoot common connectivity issues



- Troubleshoot wireless performance issues
- Capture and analyze the packet capture of client traffic and AP-to-controller traffic

## Training Resources

The following resources are recommended for attaining the knowledge and skills that are covered on the exam. The recommended training is available as a foundation for exam preparation. In addition to training, you are strongly encouraged to have hands-on experience with the exam topics and objectives.

- *FCP - Secure Wireless LAN 6.4* course and hands-on labs
- *FortiWiFi and FortiAP—Configuration Guide 6.4*
- *FortiAP Cloud—User Guide 20.4*

## Experience

Minimum of six months of hands-on experience with the FortiGate integrated wireless network.

## Exam Sample Questions

A set of sample questions is available from the Fortinet Training Institute. These questions represent the exam content in question type and content scope. However, the questions do not necessarily represent all the exam content, nor are they intended to assess your readiness to take the certification exam.

See the [Fortinet Training Institute](#) for the course that includes the sample questions.

## Examination Policies and Procedures

The Fortinet Training Institute recommends that you review the exam policies and procedures before you register for the exam. Access important information on the [Fortinet Training Institute Policies](#) page, and find answers to common questions on the [FAQ](#) page.

## Questions?

If you have more questions about the NSE Certification Program, contact us through the [Fortinet Training Institute Helpdesk](#) page.

