

NSE Certification Program

Exam Description

LAN Edge

Certification

This exam is part of the Fortinet Certified Solution Specialist - Network Security certification track. This certification validates your ability to design, administer, monitor, and troubleshoot Fortinet network security solutions.

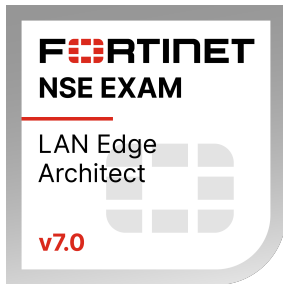
Visit the [Cybersecurity Certification](#) page for information about certification requirements.

Exam

The *Fortinet NSE 7 - LAN Edge 7.0* exam evaluates your knowledge of, and expertise with, Fortinet identity management and LAN edge products for both wired and wireless networks.

The exam tests applied knowledge, skills, and ability to deploy, administer, and operate Fortinet identity management and secure access implementation for both wired and wireless networks.

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



Audience

The *Fortinet NSE 7 - LAN Edge 7.0* exam is intended for network and security professionals responsible for the design, administration, and support of Fortinet identity management and LAN edge devices.

Exam Details

Exam name	Fortinet NSE 7 - LAN Edge 7.0
Exam series	NSE7_LED-7.0
Time allowed	70 minutes
Exam questions	37 multiple-choice questions
Scoring	Pass or fail. A score report is available from your Pearson VUE account
Language	English
Product version	FortiOS 7.0, FortiSwitch 7.0, FortiAP 6.4, FortiAuthenticator 6.4, FortiManager 7.0, and FortiAnalyzer 7.0

Exam Topics

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

- Authentication
 - Configure advanced user authentication and authorization scenarios using RADIUS and LDAP
 - Troubleshoot user authentication and authorization problems
 - Implement two-factor authentication using digital certificates
 - Implement and troubleshoot RADIUS and syslog single sign-on solutions
- FortiSwitch
 - Provision, configure, and manage FortiSwitch using FortiManager over FortiLink
 - Secure the wired network by implementing machine authentication, MAB, and NAC policies
 - Implement and deploy a ZTP solution
 - Automatically quarantine wired clients using IoC triggers
 - Configure VLANs, ports, and trunks on FortiSwitch
 - Monitor and troubleshoot issues with FortiLink management between FortiSwitch and FortiGate
- Wireless
 - Provision, deploy, and manage FortiAP using FortiManager over FortiLink
 - Deploy complex wireless networks with dynamic VLAN assignments
 - Implement and deploy wireless networks with IoT segmentation
 - Provide secure access to guest users
 - Secure wireless networks
 - Monitor and analyze wireless clients and traffic using Wireless Manager
 - Automatically quarantine wireless clients using IoC triggers



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.

- *FCSS - LAN Edge 7.0* course and hands-on labs
- *FCP - Secure Wireless LAN 6.4* course and hands-on labs
- *FCP - FortiAuthenticator 6.4* course and hands-on labs
- *FCP - FortiManager 7.0* course and hands-on labs
- *FCP - FortiAnalyzer 7.0* course and hands-on labs
- *FortiWiFi and FortiAP—Configuration Guide 7.0.0*
- *FortiAuthenticator—Administration Guide 6.4.0*
- *FortiManager—Administration Guide 7.0.0*

Experience

Hands-on experience with the design, administration, and troubleshooting of Fortinet identity management and secure access devices.

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.

