



# NSE 4 Network Security Professional

## NSE 4 Certification

The Network Security Professional designation identifies your ability to configure, install, and manage the day-to-day configuration, monitoring, and operation of a FortiGate device to support specific corporate network security policies. Visit the [Fortinet NSE Certification Program](#) page for information about certification requirements.

## Fortinet NSE 4—FortiOS 6.4

The **Fortinet NSE 4—FortiOS 6.4** exam is part of the NSE 4 Network Security Professional program, and recognizes the successful candidate's knowledge of and expertise with FortiGate devices.

The exam tests applied knowledge of FortiGate configuration, operation, and day-to-day administration, and includes operational scenarios, configuration extracts, and troubleshooting captures.

## Audience

The **Fortinet NSE 4—FortiOS 6.4** exam is intended for network and security professionals responsible for the configuration and administration of firewall solutions in an enterprise network security infrastructure.

## Exam Details

Exam name	Fortinet NSE 4—FortiOS 6.4
Exam series	NSE4_FGT-6.4
Time allowed	105 minutes

Exam questions	60 multiple-choice questions
Scoring	Pass or fail, a score report is available from your Pearson VUE account
Language	English and Japanese
Product version	FortiOS 6.4

## Exam Topics

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

- FortiGate deployment
  - Perform initial configuration
  - Implement the Fortinet Security Fabric
  - Configure log settings and diagnose problems using the logs
  - Describe and configure VDOMs to split a FortiGate device into multiple virtual devices
  - Identify and configure different operation modes for an FGCP HA cluster
  - Diagnose resource and connectivity problems
- Firewall and authentication
  - Identify and Configure how firewall policy NAT and central NAT works
  - Identify and configure different methods of firewall authentication
  - Explain FSSO deployment and configuration
- Content inspection
  - Describe and inspect encrypted traffic using certificates
  - Identify FortiGate inspection modes and configure web and DNS filtering
  - Configure application control to monitor and control network applications
  - Explain and configure antivirus scanning modes to neutralize malware threats
  - Configure IPS, DoS, and WAF to protect the network from hacking and DDoS attacks
  - Configure FortiGate to act as an implicit and explicit web proxy
- Routing and Layer 2 switching
  - Configure and route packets using static and policy-based routes
  - Configure SD-WAN to load balance traffic between multiple WAN links effectively
  - Configure FortiGate interfaces or VDOMs to operate as Layer 2 devices
- VPN
  - Configure and implement different SSL-VPN modes to provide secure access to the private network
  - Implement a meshed or partially redundant IPsec VPN

## 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, candidates are strongly encouraged to have hands-on experience with the exam topics and objectives.

## NSE Training Institute Courses

- *NSE 4 FortiGate Security*
- *NSE 4 FortiGate Infrastructure*

## Other Resources

- *FortiOS - Administration Guide*
- *FortiOS - New Features Guide*

## Experience

- Minimum of six months of hands-on experience with FortiGate

## Exam Sample Questions

A set of sample questions is available from the NSE Training Institute. These questions sample 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 an individual's readiness to take the certification exam.

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

## Examination Policies and Procedures

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

## Questions?

If you have more questions about the NSE Program, contact your regional training team.

- Americas - [training@fortinet.com](mailto:training@fortinet.com)
- Asia, Pacific, India - [apactraining@fortinet.com](mailto:apactraining@fortinet.com)
- Europe, Middle East, Africa - [emeatraining@fortinet.com](mailto:emeatraining@fortinet.com)