FORTINET

NSE Certification Program

Exam Description

FortiSwitch

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 - FortiSwitch 7.2* exam evaluates your knowledge of, and expertise with, FortiSwitch devices.

The exam tests applied knowledge of the FortiSwitch management mode, provisioning over the FortiLink protocol, configuration, operation, and day-to-day administration, and includes supported deployment topologies, operational scenarios, configuration extracts, and troubleshooting captures. This exam also tests knowledge of FortiSwitch deployed in standalone mode.

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

FORTINET
NSE EXAM

FortiSwitch
Administrator

v7.2

Audience

The *Fortinet NSE 6 - FortiSwitch 7.2* exam is intended for network and security professionals responsible for the deployment, configuration, and management of FortiSwitch devices in a network security infrastructure.

Exam Details

Exam name	Fortinet NSE 6 - FortiSwitch 7.2
Exam series	NSE6_FSW-7.2
Time allowed	70 minutes
Exam questions	32 multiple-choice questions
Scoring	Pass or fail. A score report is available from your Pearson VUE account
Language	English and Japanese
Product version	FortiSwitchOS 7.2, FortiOS 7.2

Exam Topics

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

- Manage and Provision FortiSwitch
  - Manage FortiSwitch over FortiLink
  - Deploy and provision FortiSwitch
  - Use FortiCloud to manage FortiSwitch
  - Deploy and manage FortiSwitch in standalone mode
  - Configure SVI and dynamic routing on FortiSwitch
- Network planning and design
  - Deploy FortiSwitch supported deployment topologies
  - Select a suitable FortiSwitch model
  - Deploy and configure FortiSwitch in a multi-tenancy environment
  - Differentiate available FortiSwitch management operation modes
  - Configure STP to prevent network loops
  - Configure switch ports, split port, and available transceivers
- FortiSwitch essentials and fundamentals
  - Deploying VLANs using FortiSwitch
  - Use IGMP QoS and LLDP-MED on FortiSwitch
  - Configure the ports required for stack deployment
  - Implement switching and routing on available FortiSwitch devices
- Layer 2 control and security
  - Use port security options on FortiSwitch
  - Use available filtering and antispoofing techniques on FortiSwitch
  - Use integrated and quarantine options to protect the network
  - Use ACLs, security profiles, and VLAN security mechanisms on FortiSwitch
- FortiSwitch monitoring and troubleshooting

- Use SNMP and sFlow to monitor FortiSwitch and ports
- Configure and use different packet sampling options
- Configure available packet capturing methods
- Troubleshoot FortiLink issues
- Use available tools to view and extract network information from FortiSwitch

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 - *FortiSwitch 7.2* course and hands-on labs
- *FortiSwitch 7.2—Administration Guide*
- *FortiSwitchOS 7.2—CLI Reference*

Experience

Minimum of six months of hands-on experience with FortiSwitch devices deployed in a 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.