FortiSwitch Administrator

Category: Networking & Security | **Vendor:** Fortinet

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

In this course, you will learn how to deploy, provision, and manage a FortiSwitch with FortiGate using FortiLink. This course also covers the deployment and troubleshooting of layer 2 and layer 3 features, as well as the most common FortiSwitch stack topologies, including those that leverage multichassis link aggregation groups (MCLAG) for redundancy and higher performance. You will also learn about FortiSwitch in standalone mode, its unique features, and how to manage a standalone switch directly or from FortiEdge Cloud.

This exam is part of the FCP Secure Networking certification track.

About This Course

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Who Should Attend

Networking and security professionals involved in the management, configuration, administration, and monitoring of FortiSwitch devices used to provide secure network access to endpoints should attend this course.

Prerequisites & Entry Requirements

General Prerequisites:

- Basic knowledge of networking
- An understanding of layer 2 switching
- An understanding of the topics covered in the following course:
- FortiGate 7.6 Administrator

Learning Outcomes

Upon successful completion of this course, participants will be able to:

After completing this course, you will be able to:

- Explore the FortiSwitch portfolio and identify the supported management modes
- Describe and deploy FortiSwitch in managed switch mode (FortiLink mode)
- Understand Ethernet switching, VLANs, link aggregation (LAG), MCLAG, and layer 2 discovery
- Identify the most common FortiSwitch topologies when deploying FortiSwitch in managed switch mode
- Understand Spanning Tree Protocol (STP), Rapid Spanning Tree protocol (RSTP), and Multiple Spanning Tree protocol (MSTP) operation and configuration, as well as other loop protection features
- Describe and configure Layer 2 security to filter unwanted traffic and perform antispoofing
- Configure layer 2 authentication using 802.1.X, and leverage 802.1X to assign dynamic VLANs to endpoints
- Implement advanced features to increase port density, control network access, forward multicast traffic more effectively, and quarantine compromised devices
- Prioritize traffic on FortiSwitch by using QoS marking, queuing, and rate limiting features
- Simplify endpoint deployment by using Link Layer Discovery Protocol-Media Endpoint Discovery (LLDPMED)
- Share FortiSwitch ports across different VDOMs using multi-tenancy
- Monitor FortiSwitch using SNMP, sFlow, and flow sampling
- Describe the most useful troubleshooting tools available on FortiSwitch

Detailed Course Outline

- Switch Fundamentals
- Managed Switch
- Basic Administration
- STP
- Layer 2 Design

- Layer 2 Security
- Advanced Features
- QoS and Multi-Tenancy
- Monitoring
- Standalone Switch and FortiEdge Cloud
- Standalone Switch—Layer 2 and Layer 3
- Troubleshooting

Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for FortiSwitch Administrator?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day FortiSwitch Administrator course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the FortiSwitch Administrator training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for FortiSwitch Administrator?

Yes, we provide corporate training, dedicated training, and closed classes for FortiSwitch Administrator. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: FortiSwitch Administrator, FCP- Network Security - Elective Courses, FORTISWITCH

Q: Why choose Nexus Human for FortiSwitch Administrator?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your FortiSwitch Administrator training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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